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# Maine Annual Cancer Report 2012

Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention

Maine Cancer Registry

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# MAINE ANNUAL CANCER REPORT 2012



2009 Cancer Incidence/2008 Cancer Mortality

Maine Cancer Registry

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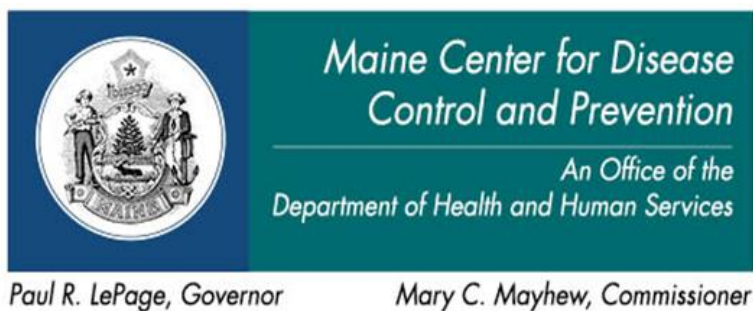
**The Maine Cancer Registry wishes to thank the cancer registrars and reporters at hospitals throughout Maine as well as our staff especially Kathy Boris, and Santosh Nazare, Sara Huston, and Denise Yob of the University of Southern Maine.**

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**September 2012**

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## INTRODUCTION

The Maine Cancer Registry collects information on all cancer cases diagnosed in Maine according to State Law Title 22, Chapter 255. The 2012 annual report is based on 2009 cancer incidence and 2008 cancer mortality data, and provides information on the most frequently diagnosed cancer types in Maine.

The purpose of this report is to summarize data on newly diagnosed cases of cancer (incidence) and

deaths associated with cancer (mortality) among Maine residents. Data are presented at the county and public health district levels for all cancer types combined, the top four cancers in Maine (namely: female breast, prostate, lung, and colorectal cancers), and tobacco-related cancers combined (excluding lung cancer).

The information contained in this report may be used in conjunction with other data sources to determine cancer burden, and to guide programs and policies targeted at reducing the impact of cancer.

**Summary of New Features:** The following is a summary of new features added to this report in recent years:

- Charts describing the trends in the mortality due to top four cancers (namely: female breast, prostate, lung, and colorectal cancers), and tobacco-related cancers combined (excluding lung cancer) in Maine are provided (See pages 21-22, 36-37).
- County-level and public health district-level maps of incidence and mortality rates for all cancer types combined are provided (See pages 24-25, 39-40).
- Data are presented for “tobacco-related cancers” and “obesity-related cancers”.
- For national comparisons, rates for *all* races are provided in addition to rates for *whites*.
- Age-specific incidence data are presented for the top four cancer sites in Maine.
- Data are presented for malignant and non-malignant incident cases of brain and other nervous system tumors.

## TECHNICAL NOTES

**Tobacco-related Cancers:** Tobacco-related cancers excluding lung cancer are included in this report due to their increasing clinical and epidemiologic significance. According to a 2008 MMWR surveillance summary (Surveillance for Cancers Associated with Tobacco Use — United States, 1999–2004), tobacco-related cancers are those that are defined by the U.S. Surgeon General as having direct causal relationships to tobacco use. The list of tobacco-related cancers was expanded in 2004 to include the following: lung, laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal

pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia.

**Obesity-related Cancers:** According to the 2007 expert report published by the World Cancer Research Fund and American Institute of Cancer Research, there is convincing evidence that greater body fat is a cause of adenocarcinoma of the esophagus, as well as cancers of the pancreas, colon, kidney, endometrium, and breast (postmenopausal). Due to increasing prevalence of obesity in Maine, this group of cancers is included in the annual cancer report for the first time this year.

**Data Sources:** Maine incidence data are obtained from the Maine Cancer Registry. Estimates of national incidence data are derived from the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute. The SEER dataset used in this report (SEER 9) represents about 9.5% of the U.S. population. Mortality data for both Maine and the U.S. is provided by the National Center for Health Statistics.

**Data Analysis:** Counts and rates presented in this report were produced using the following software: Surveillance Research Program, National Cancer Institute SEER\*Stat software (seer.cancer.gov/seerstat) 7.0.5.

**National Comparisons:** SEER incidence rates and national mortality rates for both whites and all races have been provided to allow an option for comparison by the reader. However due to the predominately white population in Maine, all statistical comparisons in this report involving national estimates are based on rates for whites.

**SEER Rates:** SEER whites and SEER all races refer to estimates of national cancer incidence data.

**Rates:** Incidence and mortality rates are calculated per 100,000 population and are age-adjusted to the year 2000 U.S. standard population.

**Confidence Intervals and Statistical Significance:** Ninety-five percent confidence intervals are provided for all rates. If the 95% confidence intervals for two rates overlapped, the incidence rates were considered similar. If the confidence intervals did not overlap, we considered these rates to be significantly different. Maine rates that are higher than nationally comparable rates or county/district rates that are higher than State (Maine) rates are highlighted in orange (■).

**Maine Public Health Districts:** In 2007, the Governor announced a new public health infrastructure for Maine. Within this plan, the Maine Center for Disease Control and Prevention created eight public health districts with the intent of regionalizing public health services. Each district is made up of one or more counties. For this reason, cancer rates have been calculated for districts in addition to counties. The table below shows the constituent counties of each district.

Public Health District	Constituent Counties
1. Aroostook District	Aroostook County
2. Central District	Kennebec County, Somerset County
3. Cumberland District	Cumberland County
4. Downeast District	Hancock County, Washington County
5. Midcoast District	Lincoln County, Knox County, Sagadahoc County, Waldo County
6. Penquis District	Penobscot County, Piscataquis County
7. Western District	Androscoggin County, Franklin County, Oxford County
8. York District	York County

**Rates by County/District:** More so than at the state level, the number of new cancer cases reported in a county or district varies from year to year, and much of this variation may be due purely to chance. As a result, cancer rates at the county or district level are more likely to vary on an annual basis than at the state level. Counties/districts with smaller populations tend to have greater variation from one time period to the next. In general, when there are less than 30 cancer cases a year, it can be difficult to distinguish between normal variation and meaningful changes in cancer rates. In this report, multiple years of data are combined when producing the county or district rates. Although combining years makes the rates more reliable, caution must still be used when interpreting county rates.

**Maps:** We have added maps to present the geographical distribution of 'All Cancer Combined' incidence and mortality rates. These maps were prepared at the county as well as the public health district level. Maps were created using ArcGIS v.10 software; the 'natural breaks' method was used to categorize the rates.

**Charts:** This year we have introduced charts describing trends in cancer incidence and mortality in the State of Maine. The incidence charts show trends in the incidence rates of colorectal cancer, cervical cancer and female breast cancer from 1995 to 2009. The mortality charts show trends in mortality rates for the top four causes of cancers (lung, colorectal, female breast and prostate), and tobacco-related cancer from 1969 to 2008. Separate cancer mortality trend charts were prepared for males and females due to gender-specific cancers.



## CASE DEFINITIONS

**Incidence Case Definitions:** Incidence data are based on SEER site recode ICD-O-3 definitions, version 1/27/2003: Available at <http://seer.cancer.gov/siterecode>. Histologies consistent with Kaposi sarcoma and Mesothelioma are excluded (where applicable).

**Mortality Case Definitions:** Death data are based on ICD-10 codes for underlying cause of death as defined below:

Site	ICD-10 Codes
All Sites	C00-C97
Brain and Other Nervous Systems	C70-C72
Breast	C50
Cervix Uteri	C53
Colon and Rectum	C18-C20, C26.0
Corpus Uterus	C54, C55
Esophagus	C15
Hodgkin Lymphoma	C81
Kidney and Renal Pelvis	C64-C65
Larynx	C32
Leukemia	C90.1, C91-C95
Liver & Intrahepatic Bile Duct	C22.0-C22.4, C22.7, C22.9
Lung and Bronchus	C34
Melanoma of the Skin	C43
Myeloma	C90.0, C90.2
Non-Hodgkin Lymphoma	C82-C85, C96.3
Oral Cavity and Pharynx	C00-C14
Ovary	C56
Pancreas	C25
Prostate	C61
Stomach	C16
Testis	C62
Thyroid	C73
Urinary Bladder	C67


# CANCER INCIDENCE

## INCIDENCE: STATE AND NATIONAL COMPARISONS

## Age-adjusted Cancer Incidence Rates by Site, Maine 2009

	Total			
	AA Rate (95% CI)	Count	SEER Whites	SEER All races
All Sites	495.4 (484.6 - 506.5)	8,207	469.1 (466.3 - 471.9)	464.9 (462.4 - 467.3)
Lung and Bronchus	79.0 (74.8 - 83.5)	1,323	59.2 (58.2 - 60.2)	58.8 (57.9 - 59.7)
Tobacco-related, Excl. Lung	89.7 (85.1 - 94.4)	1,499	81.7 (80.5 - 82.9)	81.1 (80.0 - 82.1)
Colon and Rectum	45.5 (42.3 - 48.9)	758	41.0 (40.2 - 41.8)	42.6 (41.9 - 43.4)
Breast	See Page 7 & 8 for gender specific rate			
Prostate	See Page 7 for gender specific rate			
Urinary Bladder	27.7 (25.2 - 30.3)	467	22.2 (21.6 - 22.8)	20.4 (19.9 - 21.0)
Melanoma of the Skin	23.2 (20.8 - 25.7)	375	27.4 (26.7 - 28.1)	22.6 (22.0 - 23.1)
Non-Hodgkin Lymphoma	21.5 (19.3 - 23.9)	352	21.0 (20.4 - 21.6)	20.2 (19.7 - 20.7)
Kidney and Renal Pelvis	15.3 (13.4 - 17.3)	256	14.9 (14.4 - 15.4)	14.9 (14.5 - 15.4)
Thyroid	12.9 (11.1 - 14.9)	188	15.0 (14.5 - 15.5)	14.3 (13.8 - 14.7)
Oral Cavity and Pharynx	11.9 (10.3 - 13.8)	200	11.0 (10.6 - 11.5)	10.9 (10.5 - 11.3)
Pancreas	10.6 (9.1 - 12.3)	179	12.4 (12.0 - 12.9)	12.8 (12.3 - 13.2)
Brain and Other Nerv. System	8.5 (7.0 - 10.1)	126	7.2 (6.9 - 7.6)	6.6 (6.3 - 6.9)
Esophagus	7.2 (6.0 - 8.7)	123	4.8 (4.6 - 5.1)	4.5 (4.3 - 4.8)
Liver and Intrahep. Bile Duct	5.5 (4.4 - 6.7)	93	6.3 (6.0 - 6.7)	7.8 (7.5 - 8.1)
Stomach	5.3 (4.3 - 6.6)	88	6.1 (5.8 - 6.5)	7.3 (7.0 - 7.6)
Myeloma	5.0 (4.0 - 6.2)	84	5.4 (5.1 - 5.7)	6.1 (5.8 - 6.4)
Acute Myeloid Leukemia	4.2 (3.2 - 5.4)	65	3.7 (3.4 - 3.9)	3.6 (3.3 - 3.8)
Larynx	4.1 (3.2 - 5.2)	73	3.1 (2.9 - 3.3)	3.1 (2.9 - 3.3)
Hodgkin Lymphoma	3.5 (2.6 - 4.7)	47	3.1 (2.9 - 3.4)	2.9 (2.7 - 3.1)
Mesothelioma	1.2 (0.7 - 1.8)	19	1.1 (1.0 - 1.3)	1.0 (0.8 - 1.1)
Corpus Uteri	See Page 8 for gender specific rate			
Ovary	See Page 8 for gender specific rate			
Cervix Uteri	See Page 8 for gender specific rate			
Testis	See Page 7 for gender specific rate			

## Notes:

-  Maine rate is significantly higher than US White rate
- Tobacco-related cancers excl. lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical cancers, and acute myeloid leukemia. These cancers are also reported separately in the table
- Cancer sites are ordered by descending incidence rates
- Incidence case definitions are based on SEER Site Recode ICD-O-3 (1/27/2003)
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Excl. = Excluding; Nerv. = Nervous; Intrahep.= Intrahepatic


## Data Sources:

- Maine Incidence: Maine Cancer Registry, 1995-2009 NPCR-CSS submission
- National Incidence: Surveillance, Epidemiology and End Results, SEER 9 Regs Limited-use, Nov 2011 Sub (1973-2009)

## Age-adjusted Cancer Incidence Rates among Males by Site, Maine, 2009

	Male			
	AA Rate (95% CI)	Count	SEER Whites	SEER All races
All Sites	556.7 (539.6 - 574.3)	4,193	526.3 (521.9 - 530.7)	526.6 (522.6 - 530.5)
Prostate	118.4 (110.9 - 126.4)	956	145.3 (143.0 - 147.6)	151.9 (149.8 - 154.0)
Lung and Bronchus	92.9 (86.0 - 100.2)	691	68.3 (66.7 - 69.9)	69.3 (67.8 - 70.8)
Tobacco-related, Excl. Lung	133.7 (125.4 - 142.4)	1,008	117.6 (115.5 - 119.7)	115.3 (113.4 - 117.1)
Colon and Rectum	50.8 (45.7 - 56.3)	376	46.4 (45.1 - 47.7)	48.2 (47.0 - 49.4)
Breast	1.4 (0.7 - 2.5)	11	1.3 (1.1 - 1.6)	1.3 (1.1 - 1.5)
Urinary Bladder	46.7 (41.8 - 52.1)	348	39.3 (38.0 - 40.5)	36.2 (35.2 - 37.3)
Melanoma of the Skin	28.8 (24.9 - 33.1)	214	34.2 (33.1 - 35.3)	28.7 (27.8 - 29.6)
Non-Hodgkin Lymphoma	26.8 (23.1 - 30.9)	194	25.3 (24.4 - 26.3)	24.3 (23.5 - 25.2)
Kidney and Renal Pelvis	21.4 (18.1 - 25.1)	161	20.4 (19.6 - 21.3)	20.5 (19.8 - 21.3)
Oral Cavity and Pharynx	18.8 (15.8 - 22.2)	146	16.3 (15.5 - 17.0)	16.1 (15.4 - 16.8)
Esophagus	12.9 (10.4 - 15.9)	97	8.4 (7.8 - 8.9)	7.7 (7.2 - 8.2)
Pancreas	12.6 (10.2 - 15.5)	97	14.1 (13.4 - 14.9)	14.4 (13.7 - 15.1)
Brain and Other Nerv. System	11.0 (8.6 - 13.8)	76	8.6 (8.0 - 9.2)	7.7 (7.3 - 8.2)
Liver and Intrahep. Bile Duct	8.1 (6.2 - 10.4)	62	9.8 (9.3 - 10.4)	12.2 (11.6 - 12.8)
Larynx	7.7 (5.9 - 10.0)	62	5.6 (5.1 - 6.1)	5.6 (5.2 - 6.0)
Thyroid	7.6 (5.7 - 10.0)	54	7.5 (7.0 - 8.0)	6.9 (6.5 - 7.4)
Stomach	7.4 (5.6 - 9.8)	55	9.0 (8.5 - 9.6)	10.3 (9.8 - 10.9)
Acute Myeloid Leukemia	6.2 (4.4 - 8.4)	42	4.6 (4.2 - 5.0)	4.3 (4.0 - 4.7)
Myeloma	6.0 (4.3 - 8.1)	44	6.9 (6.4 - 7.5)	7.6 (7.1 - 8.1)
Testis	5.6 (3.9 - 7.9)	35	6.8 (6.4 - 7.4)	5.8 (5.4 - 6.2)
Hodgkin Lymphoma	3.5 (2.3 - 5.3)	25	3.4 (3.0 - 3.7)	3.1 (2.8 - 3.4)
Mesothelioma	1.9 (1.1 - 3.3)	14	2.1 (1.8 - 2.4)	1.8 (1.5 - 2.0)

## Notes:

-  Maine rate is significantly higher than US White rate
- Tobacco-related cancers excl. lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical cancers, and acute myeloid leukemia. These cancers are also reported separately in the table
- Cancer sites are ordered by descending incidence rates
- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Excl. = Excluding; Nerv. = Nervous; Intrahep.= Intrahepatic


## Data Sources:

- Maine Incidence: Maine Cancer Registry, 1995-2009 NPCR-CSS submission
- National Incidence: Surveillance, Epidemiology and End Results, SEER 9 Regs Limited-use, Nov 2011 Sub (1973-2009)

## Age-adjusted Cancer Incidence Rates among Females by Site, Maine, 2009

	Female			
	AA Rate (95% CI)	Count	SEER Whites	SEER All races
All Sites	451.9 (437.7 - 466.6)	4,014	430.0 (426.3 - 433.7)	422.0 (418.8 - 425.3)
Breast	122.9 (115.5 - 130.7)	1,077	132.1 (130.0 - 134.1)	130.1 (128.3 - 131.9)
Lung and Bronchus	69.0 (63.7 - 74.7)	632	52.8 (51.5 - 54.1)	51.2 (50.1 - 52.4)
Tobacco-related, Excl. Lung	54.7 (49.9 - 60.0)	491	53.3 (52 - 54.6)	54.5 (53.3 - 55.6)
Colon and Rectum	40.7 (36.7 - 45.2)	382	36.6 (35.5 - 37.6)	38.1 (37.1 - 39.1)
Corpus Uteri	30.0 (26.5 - 33.9)	270	27.6 (26.7 - 28.6)	27.3 (26.5 - 28.1)
Melanoma of the Skin	19.2 (16.3 - 22.5)	161	22.7 (21.8 - 23.5)	18.3 (17.6 - 19.0)
Thyroid	18.0 (15.0 - 21.4)	134	22.6 (21.8 - 23.5)	21.4 (20.7 - 22.2)
Non-Hodgkin Lymphoma	17.1 (14.5 - 20.1)	158	17.3 (16.6 - 18.1)	16.9 (16.2 - 17.5)
Urinary Bladder	12.9 (10.6 - 15.5)	119	9.2 (8.7 - 9.7)	8.6 (8.2 - 9.1)
Ovary	10.8 (8.7 - 13.3)	96	13.3 (12.7 - 14.0)	12.7 (12.2 - 13.3)
Kidney and Renal Pelvis	10.4 (8.4 - 12.9)	95	10.1 (9.6 - 10.7)	10.2 (9.7 - 10.7)
Pancreas	8.7 (6.9 - 10.9)	82	11.0 (10.5 - 11.6)	11.4 (10.9 - 12.0)
Cervix Uteri	6.4 (4.6 - 8.6)	48	6.7 (6.3 - 7.2)	6.9 (6.5 - 7.3)
Brain and Other Nerv. System	6.3 (4.6 - 8.5)	50	6.0 (5.5 - 6.4)	5.6 (5.2 - 6.0)
Oral Cavity and Pharynx	6.2 (4.6 - 8.2)	54	6.3 (5.9 - 6.8)	6.3 (5.9 - 6.7)
Myeloma	4.3 (3.0 - 5.9)	40	4.3 (3.9 - 4.6)	4.9 (4.6 - 5.3)
Stomach	3.6 (2.4 - 5.1)	33	3.8 (3.5 - 4.2)	5.0 (4.7 - 5.4)
Hodgkin Lymphoma	3.4 (2.1 - 5.2)	22	2.9 (2.6 - 3.2)	2.6 (2.4 - 2.9)
Liver and Intrahep. Bile Duct	3.3 (2.2 - 4.7)	31	3.2 (2.9 - 3.6)	4.0 (3.7 - 4.3)
Esophagus	2.7 (1.7 - 4.0)	26	1.9 (1.7 - 2.2)	2.0 (1.8 - 2.2)
Acute Myeloid Leukemia	2.7 (1.7 - 4.2)	23	3.0 (2.7 - 3.3)	3.0 (2.7 - 3.3)
Larynx	1.2 (0.6 - 2.2)	11	1.0 (0.9 - 1.2)	1.0 (0.8 - 1.1)
Mesothelioma	0.6 (0.2 - 1.5)	5	0.4 (0.3 - 0.6)	0.4 (0.3 - 0.5)

## Notes:

-  Maine rate is significantly higher than US White rate
- Tobacco-related cancers excl. Lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical cancers, and acute myeloid leukemia. These cancers are also reported separately in the table
- Cancer sites are ordered by descending incidence rates
- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Excl. = Excluding; Nerv. = Nervous; Intrahep.= Intrahepatic

## Data Sources:

- Maine Incidence: Maine Cancer Registry, 1995-2009 NPCR-CSS submission
- National Incidence: Surveillance, Epidemiology and End Results, SEER 9 Regs Limited-use, Nov 2011 Sub (1973-2009)

## All Cancers: Incidence by Age, Maine 2007-2009

	Total		Male		Female	
	Rate (95% CI)	Count/ Yr	Rate (95% CI)	Count/ Yr	Rate (95% CI)	Count/ Yr
0-14 years	16.9 (13.9 - 20.3)	37	17.1 (13.0 - 22.1)	19	16.6 (12.5 - 21.7)	18
15-19 years	24.0 (18.5 - 30.6)	22	25.2 (17.5 - 35.0)	12	22.8 (15.4 - 32.6)	10
20-24 years	41.3 (33.6 - 50.2)	34	39.5 (29.4 - 52.1)	17	43.2 (32.2 - 56.8)	17
25-29 years	63.1 (53.2 - 74.2)	48	57.1 (44.2 - 72.7)	22	69.1 (54.7 - 86.1)	26
30-34 years	100.5 (87.5 - 114.8)	72	69.9 (54.9 - 87.7)	25	129.9 (109.5 - 153.0)	48
35-39 years	145.8 (131.2 - 161.5)	122	99.0 (82.2 - 118.2)	41	190.8 (167.6 - 216.4)	81
40-44 years	241.6 (224.0 - 260.3)	231	162.3 (141.9 - 184.9)	76	316.9 (288.8 - 347.0)	156
45-49 years	385.4 (364.5 - 407.2)	422	317 (290.1 - 345.8)	169	450.5 (419.0 - 483.7)	253
50-54 years	625.3 (598.4 - 653.1)	675	614.2 (576.2 - 654.2)	323	635.8 (598.0 - 675.4)	351
55-59 years	891.8 (857.9 - 926.6)	872	974.1 (923.7 - 1026.4)	467	812.6 (767.5 - 859.6)	405
60-64 years	1361.3 (1315 - 1408.8)	1,089	1563.3 (1492.9 - 1636.2)	617	1164.5 (1104.7 - 1226.8)	472
65-69 years	1934.3 (1869.7 - 2000.6)	1,128	2321.2 (2218.9 - 2426.9)	645	1581.9 (1501.4 - 1665.5)	483
70-74 years	2272.9 (2194.2 - 2353.6)	1,050	2856.8 (2727.8 - 2990.3)	614	1765.7 (1671.3 - 1863.9)	437
75-79 years	2633.1 (2540.9 - 2727.8)	1,026	3345.7 (3188.5 - 3508.6)	567	2085.5 (1976.9 - 2198.6)	460
80-84 years	2708.9 (2602.4 - 2818.6)	813	3461.7 (3271.5 - 3660)	413	2212.5 (2089.1 - 2341.3)	400
85+ years	2549.4 (2441.9 - 2660.3)	706	3539.6 (3311.5 - 3779.4)	298	2115.8 (1998.9 - 2237.9)	407
All Ages	511.3 (504.9 - 517.8)	8,348	584.6 (574.4 - 594.9)	4,324	458.9 (450.6 - 467.4)	4,024

## Notes:

- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Rates are calculated per 100,000 population.
- Abbreviations: CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission

## All Cancers: Incidence by County of Residence, Maine, 2007- 2009

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	508.3 (485.4 - 532.0)	630	594.6 (557.7 - 633.3)	330	446.6 (417.3 - 477.6)	300
Aroostook	483.8 (458.5 - 510.2)	481	541.2 (502.2 - 582.7)	249	436.9 (403.7 - 472.3)	232
Cumberland	500.1 (485.9 - 514.6)	1,611	564.1 (541.4 - 587.5)	801	458.7 (440.2 - 477.7)	810
Franklin	524.8 (481.2 - 571.4)	186	619.7 (549.5 - 696.8)	102	447.0 (392.6 - 507.4)	85
Hancock	537.0 (505.7 - 569.9)	387	599.0 (550.6 - 650.8)	200	494.7 (453.2 - 539.4)	188
Kennebec	515.9 (494.8 - 537.7)	776	578.0 (544.9 - 612.6)	395	470.2 (442.7 - 499.0)	381
Knox	525.8 (491.2 - 562.5)	304	631.2 (575.9 - 690.8)	166	455.5 (410.2 - 504.9)	138
Lincoln	463.3 (428.6 - 500.4)	239	485.4 (434.3 - 541.5)	118	452.2 (404.4 - 504.9)	122
Oxford	546.3 (515.0 - 579.1)	395	655.2 (604.8 - 709.0)	220	461.3 (421.5 - 504.2)	175
Penobscot	552.5 (532.3 - 573.4)	954	654.8 (621.6 - 689.2)	509	478.1 (452.4 - 504.9)	445
Piscataquis	532.5 (479.6 - 590.4)	132	577.3 (497.8 - 667.5)	68	492.9 (423.0 - 573.0)	64
Sagadahoc	453.6 (417.2 - 492.3)	200	510.1 (453.0 - 572.6)	103	413.0 (365.8 - 465.0)	97
Somerset	460.8 (430.8 - 492.5)	301	525.5 (477.6 - 577.0)	157	414.0 (375.3 - 456.0)	144
Waldo	538.3 (499.8 - 579.1)	257	582.0 (522.6 - 646.7)	127	511.5 (460.5 - 567.1)	130
Washington	569.3 (528.7 - 612.5)	257	665.4 (601.1 - 735.2)	137	499.9 (447.1 - 557.7)	119
York	499.9 (483.7 - 516.6)	1,232	571.5 (545.6 - 598.3)	639	448.6 (427.6 - 470.5)	593
Maine	511.3 (504.9 - 517.8)	8,348	584.6 (574.4 - 594.9)	4,324	458.9 (450.6 - 467.4)	4,024

## All Cancers: Incidence by Public Health District of Residence, Maine, 2007-2009

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	483.8 (458.5 - 510.2)	481	541.2 (502.2 - 582.7)	249	436.9 (403.7 - 472.3)	232
Central	499.2 (481.9 - 517.0)	1,077	561.8 (534.5 - 590.2)	552	453.0 (430.5 - 476.5)	525
Cumberland	500.1 (485.9 - 514.6)	1,611	564.1 (541.4 - 587.5)	801	458.7 (440.2 - 477.7)	810
Downeast	549.1 (524.2 - 575.0)	644	623.8 (584.9 - 664.8)	337	496.2 (463.4 - 530.9)	307
Midcoast	496.7 (478.6 - 515.4)	1,000	554.1 (526.0 - 583.3)	514	458.4 (434.3 - 483.7)	486
Penquis	550.3 (531.3 - 569.8)	1,086	645.0 (614.3 - 676.9)	577	480.3 (456.1 - 505.5)	509
Western	521.1 (504.1 - 538.6)	1,211	616.2 (588.7 - 644.7)	652	449.3 (427.5 - 471.9)	559
York	499.9 (483.7 - 516.6)	1,232	571.5 (545.6 - 598.3)	639	448.6 (427.6 - 470.5)	593
Maine	511.3 (504.9 - 517.8)	8,348	584.6 (574.4 - 594.9)	4,324	458.9 (450.6 - 467.4)	4,024

## Notes:

- County/District rate is significantly higher than Maine rate
- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. Standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission

## Lung Cancer: Incidence by Age, Maine 2007-2009

	Total		Male		Female	
	Rate (95% CI)	Count/Yr	Rate (95% CI)	Count/Yr	Rate (95% CI)	Count/Yr
40-44 years	13.2 (9.4 - 18.2)	12	13.6 (8.2 - 21.2)	6	12.9 (7.8 - 20.1)	6
45-49 years	41.7 (35.0 - 49.3)	46	43.1 (33.5 - 54.5)	23	40.4 (31.3 - 51.2)	23
50-54 years	79.7 (70.3 - 90.1)	86	80.4 (67.0 - 95.7)	42	79.0 (66.1 - 93.8)	44
55-59 years	116.9 (104.9 - 130.0)	114	141.8 (123.0 - 162.7)	68	93.0 (78.2 - 109.8)	46
60-64 years	193.8 (176.5 - 212.2)	155	211.1 (185.8 - 239.0)	83	176.8 (154.0 - 202.1)	72
65-69 years	335.5 (308.9 - 363.8)	195	364.5 (324.7 - 407.8)	101	309.2 (274.2 - 347.4)	94
70-74 years	450.1 (415.5 - 486.8)	208	540.0 (484.8 - 599.8)	116	372.0 (329.4 - 418.6)	92
75-79 years	549.9 (508.2 - 594.1)	214	675.0 (605.5 - 750.4)	114	453.7 (403.8 - 508.1)	100
80-84 years	534.4 (487.7 - 584.4)	161	685.1 (602.0 - 776.4)	82	435.1 (381.4 - 494.3)	79
85+ years	342.0 (303.4 - 384.2)	95	533.9 (447.7 - 632.0)	45	258.0 (218.2 - 302.9)	50
Maine	78.4 (76.0 - 81.0)	1,294	93.3 (89.3 - 97.5)	685	67.5 (64.4 - 70.7)	609

## Notes:

- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population .
- Abbreviations: CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission



## Lung Cancer: Incidence by County of Residence, Maine 2007-2009

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	85.0 (75.8 - 95.0)	106	101.9 (87.1 - 118.5)	58	70.9 (59.6 - 83.8)	48
Aroostook	90.6 (80.3 - 102.1)	94	120.3 (102.5 - 140.6)	56	67.8 (55.8 - 82.1)	38
Cumberland	70.3 (65.1 - 75.9)	225	86.4 (77.5 - 96.0)	118	59.6 (53.2 - 66.7)	107
Franklin	81.4 (64.7 - 101.3)	28	106.7 (77.8 - 142.9)	16	63.4 (44.3 - 88.6)	12
Hancock	76.6 (65.1 - 89.7)	55	89.2 (71.0 - 110.9)	29	66.9 (52.5 - 84.4)	26
Kennebec	81.1 (73.0 - 90.0)	123	90.8 (78.0 - 105.2)	62	73.9 (63.5 - 85.6)	61
Knox	70.5 (58.5 - 84.6)	41	84.5 (64.8 - 108.7)	21	61.4 (46.7 - 80.2)	20
Lincoln	53.3 (42.7 - 66.2)	30	49.6 (34.9 - 69.5)	13	56.7 (42.1 - 76.0)	17
Oxford	85.0 (73.2 - 98.4)	63	101.4 (82.1 - 124.1)	34	73.0 (58.5 - 90.6)	29
Penobscot	95.3 (87.1 - 104.2)	166	111.2 (97.8 - 126.0)	86	83.8 (73.5 - 95.2)	80
Piscataquis	83.9 (63.9 - 109.1)	21	103.9 (71.9 - 147.2)	12	66.0 (42.9 - 100.0)	9
Sagadahoc	63.5 (50.4 - 79.1)	28	69.1 (49.3 - 94.5)	14	58.3 (41.7 - 79.8)	14
Somerset	78.1 (66.2 - 91.6)	52	98.7 (78.7 - 122.4)	30	61.8 (47.8 - 79.0)	22
Waldo	91.6 (76.3 - 109.4)	44	102.2 (78.3 - 131.3)	22	83.1 (63.8 - 106.9)	22
Washington	99.0 (82.9 - 117.6)	46	118.6 (92.8 - 150.2)	25	83.4 (63.8 - 108.1)	21
York	69.5 (63.6 - 75.8)	173	81.0 (71.5 - 91.5)	91	61.1 (53.6 - 69.5)	82
Maine	78.4 (76.0 - 81.0)	1,294	93.3 (89.3 - 97.5)	685	67.5 (64.4 - 70.7)	609

## Lung Cancer: Incidence by Public Health District of Residence, Maine, 2007-2009

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	90.6 (80.3 - 102.1)	94	120.3 (102.5 - 140.6)	56	67.8 (55.8 - 82.1)	38
Central	80.2 (73.4 - 87.5)	175	93.1 (82.2 - 105.1)	91	70.2 (61.8 - 79.7)	84
Cumberland	70.3 (65.1 - 75.9)	225	86.4 (77.5 - 96.0)	118	59.6 (53.2 - 66.7)	107
Downeast	84.9 (75.5 - 95.4)	101	100.0 (84.8 - 117.2)	54	73.1 (61.3 - 86.8)	47
Midcoast	69.7 (63.2 - 76.8)	143	76.4 (66.2 - 87.8)	70	64.9 (56.5 - 74.5)	73
Penquis	93.7 (86.1 - 101.9)	187	109.9 (97.4 - 123.5)	98	81.7 (72.1 - 92.2)	89
Western	83.6 (77.0 - 90.8)	196	101.0 (90.1 - 112.9)	107	70.2 (62.0 - 79.3)	89
York	69.5 (63.6 - 75.8)	173	81.0 (71.5 - 91.5)	91	61.1 (53.6 - 69.5)	82
Maine	78.4 (76.0 - 81.0)	1,294	93.3 (89.3 - 97.5)	685	67.5 (64.4 - 70.7)	609

## Notes:

- County/District rate is significantly higher than Maine rate
- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission

## Tobacco-related Cancers, Excl. Lung: Incidence by Age, Maine 2007-2009

	Total		Male		Female	
	Rate (95% CI)	Count/Yr	Rate (95% CI)	Count/Yr	Rate (95% CI)	Count/Yr
25-29 years	8.3 (5.0 - 12.9)	6	5.2 (1.9 - 11.3)	2	11.4 (6.1 - 19.5)	4
30-34 years	12 (7.9 - 17.6)	9	11.3 (5.9 - 19.8)	4	12.7 (7.0 - 21.3)	5
35-39 years	21.9 (16.5 - 28.5)	18	17.0 (10.6 - 26.1)	7	26.6 (18.4 - 37.2)	11
40-44 years	41.8 (34.6 - 50.0)	40	45.0 (34.6 - 57.6)	21	38.7 (29.3 - 50.1)	19
45-49 years	59.9 (51.9 - 68.9)	66	83.0 (69.5 - 98.4)	44	38.0 (29.3 - 48.5)	21
50-54 years	103.2 (92.4 - 114.9)	111	143.7 (125.7 - 163.7)	76	64.5 (52.9 - 78.0)	36
55-59 years	157.1 (143.1 - 172.2)	154	230.8 (206.7 - 257.0)	111	86.3 (72.0 - 102.5)	43
60-64 years	230.4 (211.6 - 250.5)	184	315.0 (283.9 - 348.7)	124	148.0 (127.2 - 171.3)	60
65-69 years	353.8 (326.5 - 382.8)	206	497.6 (450.8 - 547.8)	138	222.9 (193.3 - 255.6)	68
70-74 years	429.9 (396.1 - 465.8)	199	634.7 (574.6 - 699.3)	136	252.0 (217.2 - 290.9)	62
75-79 years	496.9 (457.3 - 539.0)	194	779.3 (704.5 - 860.0)	132	279.8 (240.9 - 323.1)	62
80-84 years	526.7 (480.3 - 576.3)	158	844.4 (751.9 - 945.3)	101	317.1 (271.5 - 368.2)	57
85+ years	527.5 (479.2 - 579.2)	146	953.1 (836.6 - 1081.4)	80	341.1 (295.1 - 392.2)	66
Total	91.4 (88.7 - 94.2)	1,499	133.4 (128.5 - 138.4)	981	58.6 (55.6 - 61.6)	519

## Notes:

- Tobacco-related cancers excl. Lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical cancers, and acute myeloid leukemia.
- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population .
- Abbreviations: Excl. = Excluding; CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission

## Tobacco-related Cancers, Excl. Lung: Incidence by County of Residence, Maine, 2007-2009

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	100.6 (90.6 - 111.4)	126	141.5 (123.8 - 161.0)	79	68.0 (56.9 - 80.7)	47
Aroostook	88.7 (78.0 - 100.5)	88	123.0 (104.7 - 143.8)	56	60.5 (48.6 - 74.9)	32
Cumberland	86.9 (81.0 - 93.1)	280	124.4 (113.8 - 135.7)	174	59.7 (53.2 - 66.9)	106
Franklin	94.1 (76.3 - 115.1)	34	128.3 (97.2 - 166.4)	21	67.9 (47.9 - 94.1)	13
Hancock	91.6 (79.0 - 105.8)	67	133.8 (111.3 - 159.8)	44	59.6 (45.8 - 76.8)	23
Kennebec	89.8 (81.1 - 99.2)	134	131.7 (116.0 - 148.9)	89	56.5 (47.2 - 67.2)	46
Knox	84.8 (71.5 - 100.3)	50	123.6 (100.0 - 151.6)	33	54.1 (39.5 - 73.0)	17
Lincoln	87.5 (73.1 - 104.2)	46	131.0 (105.3 - 161.8)	32	52.0 (37.1 - 72.0)	15
Oxford	102.2 (89.2 - 116.8)	76	166.9 (142.0 - 195.2)	56	49.9 (37.8 - 65.1)	20
Penobscot	93.3 (85.1 - 102.1)	162	144.6 (129.1 - 161.4)	111	53.5 (45.2 - 62.8)	51
Piscataquis	99.7 (77.7 - 126.9)	25	157.8 (117.5 - 209.2)	18	49.2 (28.8 - 81.2)	6
Sagadahoc	76.8 (62.4 - 93.8)	34	108.9 (83.4 - 140.1)	22	53.3 (37.2 - 74.4)	12
Somerset	95.1 (81.8 - 110.1)	62	122.8 (100.4 - 149.1)	37	73.5 (57.7 - 92.7)	26
Waldo	86.4 (71.3 - 104.0)	41	116.9 (91.4 - 147.8)	26	60.1 (43.3 - 81.8)	15
Washington	92.1 (76.2 - 110.6)	42	136.9 (108.6 - 171.0)	28	58.3 (40.9 - 81.2)	14
York	94.4 (87.4 - 101.8)	233	139.8 (127.2 - 153.4)	156	57.8 (50.5 - 66.0)	77
Maine	91.4 (88.7 - 94.2)	1,499	133.4 (128.5 - 138.4)	981	58.6 (55.6 - 61.6)	519

## Tobacco-related Cancers, Excl. Lung: Incidence by Public Health District of Residence, Maine, 2007-2009

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	88.7 (78.0 - 100.5)	88	123.0 (104.7 - 143.8)	56	60.5 (48.6 - 74.9)	32
Central	91.3 (84.0 - 99.1)	197	129.0 (116.0 - 143.0)	125	61.5 (53.4 - 70.6)	71
Cumberland	86.9 (81.0 - 93.1)	280	124.4 (113.8 - 135.7)	174	59.7 (53.2 - 66.9)	106
Downeast	91.5 (81.5 - 102.4)	108	134.8 (116.9 - 154.7)	72	58.5 (47.6 - 71.4)	36
Midcoast	84.5 (77.2 - 92.4)	171	120.8 (107.9 - 134.9)	112	55.2 (47.0 - 64.4)	59
Penquis	94.1 (86.4 - 102.4)	187	146.3 (131.8 - 162.1)	129	52.9 (45.2 - 61.7)	57
Western	100.5 (93.1 - 108.3)	235	147.3 (134.0 - 161.6)	155	63.1 (55.2 - 71.9)	80
York	94.4 (87.4 - 101.8)	233	139.8 (127.2 - 153.4)	156	57.8 (50.5 - 66.0)	77
Maine	91.4 (88.7 - 94.2)	1,499	133.4 (128.5 - 138.4)	981	58.6 (55.6 - 61.6)	519

## Notes:

- County/District rate is significantly higher than Maine rate
- Tobacco-related cancers excl. Lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, cervical cancers, and acute myeloid leukemia.
- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: Excl. = Excluding; AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission

### Prostate Cancer: Incidence by Age, Maine 2007-2009

	Male	
	Rate (95% CI)	Count/Yr
40-49 years	21.5 (16.7 - 27.1)	24
50-54 years	154.5 (135.7 - 175.2)	81
55-59 years	302.4 (274.7 - 332.2)	145
60-64 years	576.0 (533.6 - 620.9)	227
65-69 years	800.9 (741.3 - 864.0)	223
70-74 years	876.7 (805.9 - 952.1)	188
75-79 years	732.1 (659.6 - 810.4)	124
80-84 years	682.3 (599.3 - 773.5)	81
85+ years	549.7 (462.1 - 649.1)	46
Total	145.8 (140.8 - 150.8)	1140

### Prostate Cancer: Incidence by Public Health District of Residence, Maine, 2007-2009

	Male	
	AA Rate (95% CI)	Count/Yr
Aroostook	101.8 (86.1 - 119.9)	51
Central	152.9 (139.2 - 167.7)	158
Cumberland	134.6 (123.9 - 146.0)	202
Downeast	161.7 (143.0 - 182.5)	93
Midcoast	151.9 (138.0 - 167.0)	152
Penquis	144.6 (130.7 - 159.7)	137
Western	157.3 (143.9 - 171.6)	174
York	146.3 (133.7 - 159.8)	172
Maine	145.8 (140.8 - 150.8)	1140

### Prostate Cancer: Incidence by County of Residence, Maine, 2007-2009

	Male	
	AA Rate (95% CI)	Count/Yr
Androscoggin	159.4 (140.8 - 179.8)	91
Aroostook	101.8 (86.1 - 119.9)	51
Cumberland	134.6 (123.9 - 146.0)	202
Franklin	182.1 (145.7 - 225.3)	31
Hancock	155.1 (132.0 - 181.6)	56
Kennebec	157.4 (140.8 - 175.5)	113
Knox	195.3 (166.0 - 228.8)	54
Lincoln	126.2 (102.2 - 155.1)	33
Oxford	141.2 (119.7 - 165.9)	53
Penobscot	151.0 (135.8 - 167.6)	124
Piscataquis	103.4 (72.3 - 145.5)	13
Sagadahoc	133.5 (106.5 - 165.7)	30
Somerset	142.2 (118.6 - 169.4)	45
Waldo	150.7 (122.0 - 184.5)	35
Washington	171.9 (141.2 - 208.1)	38
York	146.3 (133.7 - 159.8)	172
Maine	145.8 (140.8 - 150.8)	1140

#### Notes:

- County rate is significantly higher than Maine rate
- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

#### Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission

### Female Breast Cancer: Incidence by Age, Maine, 2007-2009

	Female	
	Rate (95% CI)	Count/Yr
25-29 years	5.2 (1.9 - 11.4)	2
30-34 years	32.7 (22.9 - 45.3)	12
35-39 years	64.1 (51.0 - 79.6)	27
40-44 years	119.4 (102.4 - 138.4)	59
45-49 years	184.0 (164.1 - 205.7)	103
50-54 years	209.3 (187.9 - 232.6)	116
55-59 years	276.9 (250.9 - 304.9)	138
60-64 years	374.2 (340.6 - 410.2)	152
65-69 years	425.0 (383.8 - 469.4)	130
70-74 years	431.3 (385.3 - 481.2)	107
75-79 years	458.2 (408.1 - 512.8)	101
80-84 years	446.2 (391.7 - 506.1)	81
85+ years	379.2 (330.6 - 432.9)	73
Total	126.6 (122.2 - 131.1)	1101

#### Notes:

- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

#### Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission

### Female Breast Cancer: Incidence by County of Residence, Maine, 2007-2009

	Female	
	AA Rate (95% CI)	Count/Yr
Androscoggin	109.7 (95.3 - 125.6)	73
Aroostook	102.5 (86.7 - 120.7)	53
Cumberland	136.2 (126.3 - 146.8)	239
Franklin	130.7 (101.9 - 165.6)	25
Hancock	141.8 (120.0 - 166.8)	54
Kennebec	136.9 (122.1 - 153.0)	109
Knox	126.3 (102.8 - 154.2)	37
Lincoln	109.6 (87.3 - 136.8)	30
Oxford	126.1 (105.8 - 149.4)	48
Penobscot	134.0 (120.4 - 148.7)	123
Piscataquis	138.7 (102.8 - 185.2)	18
Sagadahoc	112.6 (88.3 - 141.9)	26
Somerset	96.6 (78.3 - 118.3)	33
Waldo	141.2 (115.1 - 171.9)	36
Washington	134.1 (107.0 - 166.5)	31
York	124.9 (113.9 - 136.6)	166
Maine	126.6 (122.2 - 131.1)	1101

### Female Breast Cancer: Incidence by Public Health District of Residence, Maine, 2007-2009

	Female	
	AA Rate (95% CI)	Count/Yr
Aroostook	102.5 (86.7 - 120.7)	53
Central	124.7 (112.9 - 137.5)	142
Cumberland	136.2 (126.3 - 146.8)	239
Downeast	139.0 (121.8 - 158.2)	84
Midcoast	122.6 (110.2 - 136.1)	128
Penquis	134.7 (121.9 - 148.4)	141
Western	117.1 (106.1 - 128.9)	145
York	124.9 (113.9 - 136.6)	166
Maine	126.6 (122.2 - 131.1)	1101

## Colorectal Cancer: Incidence by Age, Maine, 2007-2009

	Total		Male		Female	
	Rate (95% CI)	Count/Yr	Rate (95% CI)	Count/Yr	Rate (95% CI)	Count/Yr
35-44 years	13.2 (10.3 - 16.6)	24	12.4 (8.6 - 17.5)	11	13.8 (9.8 - 18.9)	13
45-49 years	29.5 (23.9 - 36.0)	32	30.0 (22.1 - 39.7)	16	29.1 (21.5 - 38.4)	16
50-54 years	53.4 (45.8 - 62.0)	57	61.4 (49.8 - 74.9)	32	45.8 (36.1 - 57.4)	25
55-59 years	70.6 (61.3 - 80.9)	69	76.5 (62.9 - 92.2)	37	64.9 (52.6 - 79.1)	32
60-64 years	94.6 (82.7 - 107.7)	75	117.4 (98.7 - 138.6)	46	72.4 (58.0 - 89.2)	29
65-69 years	154.9 (137.0 - 174.5)	90	191.8 (163.3 - 224.0)	53	121.3 (99.8 - 146.0)	37
70-74 years	195.5 (172.9 - 220.2)	91	207.9 (174.2 - 246.3)	45	184.7 (155.0 - 218.3)	46
75-79 years	289.0 (259.1 - 321.6)	113	352.3 (302.6 - 407.8)	60	240.5 (204.5 - 280.9)	53
80-84 years	323.3 (287.2 - 362.7)	97	343.9 (285.8 - 410.4)	41	309.8 (264.7 - 360.3)	56
85+ years	419.1 (376.2 - 465.5)	116	427.1 (350.4 - 515.7)	36	415.5 (364.6 - 471.6)	80
Total	46.9 (45.0 - 48.9)	771	52.4 (49.3 - 55.6)	380	42.3 (39.8 - 44.8)	391

## Notes:

- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population .
- Abbreviations: CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission

## Colorectal Cancer: Incidence by County of Residence, Maine, 2007-2009

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	39.7 (33.6 - 46.7)	50	50.4 (39.9 - 62.8)	27	33.2 (25.8 - 42.4)	23
Aroostook	60.6 (52.1 - 70.3)	62	69.7 (56.2 - 85.9)	32	51.9 (41.6 - 64.5)	30
Cumberland	44.6 (40.5 - 49.1)	143	47.8 (41.3 - 55.1)	67	41.7 (36.4 - 47.7)	78
Franklin	54.5 (41.0 - 71.3)	19	55.1 (35.5 - 82.0)	9	52.7 (35.3 - 76.3)	10
Hancock	47.0 (38.4 - 57.1)	36	55.4 (41.9 - 72.3)	20	39.3 (29.0 - 52.8)	16
Kennebec	47.1 (40.9 - 54.0)	71	50.8 (41.3 - 62.0)	34	44.2 (36.2 - 53.6)	37
Knox	37.3 (28.9 - 47.9)	23	44.6 (30.8 - 63.0)	12	30.8 (21.0 - 44.7)	11
Lincoln	40.9 (31.4 - 52.9)	22	45.1 (30.7 - 64.9)	11	36.9 (25.0 - 53.7)	11
Oxford	46.6 (37.8 - 56.9)	34	54.6 (40.6 - 72.2)	18	39.8 (29.1 - 53.5)	16
Penobscot	54.2 (48.0 - 61.0)	93	66.7 (56.3 - 78.5)	51	44.5 (37.0 - 53.2)	42
Piscataquis	50.7 (35.7 - 70.9)	13	39.5 (21.7 - 68.8)	5	55.2 (34.8 - 86.6)	8
Sagadahoc	41.1 (30.8 - 53.8)	18	47.2 (30.7 - 69.5)	9	35.7 (23.6 - 52.6)	9
Somerset	38.0 (29.7 - 48.1)	24	40.1 (27.5 - 56.7)	11	36.2 (25.6 - 50.1)	13
Waldo	43.9 (33.5 - 56.8)	21	50.2 (33.8 - 72.2)	11	39.9 (26.7 - 57.7)	10
Washington	58.1 (45.9 - 72.8)	27	63.5 (44.7 - 88.2)	13	53.6 (38.3 - 74.1)	14
York	45.9 (41.1 - 51.2)	113	47.4 (40.1 - 55.7)	52	44.3 (38.0 - 51.4)	61
Maine	46.9 (45.0 - 48.9)	771	52.4 (49.3 - 55.6)	380	42.3 (39.8 - 44.8)	391

## Colorectal Cancer: Incidence by Public Health District of Residence, Maine, 2007-2009

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	60.6 (52.1 - 70.3)	62	69.7 (56.2 - 85.9)	32	51.9 (41.6 - 64.5)	30
Central	44.4 (39.4 - 50.0)	95	47.5 (39.7 - 56.4)	45	41.8 (35.3 - 49.4)	50
Cumberland	44.6 (40.5 - 49.1)	143	47.8 (41.3 - 55.1)	67	41.7 (36.4 - 47.7)	78
Downeast	51.4 (44.2 - 59.5)	64	58.6 (47.3 - 72.0)	33	44.9 (36.0 - 55.6)	31
Midcoast	40.9 (35.9 - 46.4)	85	46.7 (38.7 - 55.9)	43	35.9 (29.8 - 43.2)	42
Penquis	53.8 (48.0 - 60.1)	106	63.3 (53.8 - 74.0)	56	45.9 (38.7 - 54.1)	50
Western	43.8 (39.0 - 49.1)	103	52.5 (44.6 - 61.5)	54	37.6 (31.7 - 44.4)	49
York	45.9 (41.1 - 51.2)	113	47.4 (40.1 - 55.7)	52	44.3 (38.0 - 51.4)	61
Maine	46.9 (45.0 - 48.9)	771	52.4 (49.3 - 55.6)	380	42.3 (39.8 - 44.8)	391

## Notes:

- County/District rate is significantly higher than Maine rate
- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission

## Brain and Other Nervous System Tumors: Incidence by County of Residence, Maine, 2005-2009

	All Behaviors		Malignant		Non-Malignant	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	15.5 (12.4 - 19.1)	18	6.1 (4.2 - 8.6)	7	9.4 (7.1 - 12.2)	11
Aroostook	16.6 (12.9 - 21.0)	15	8.6 (6.1 - 12.0)	8	7.9 (5.4 - 11.2)	7
Cumberland	14.8 (13.0 - 16.9)	46	8.2 (6.8 - 9.8)	25	6.6 (5.4 - 8.1)	21
Franklin	14.5 (8.9 - 22.3)	4	6.8 (3.3 - 12.5)	2	7.7 (3.7 - 13.9)	2
Hancock	13.9 (10.1 - 18.8)	9	6.4 (3.9 - 10.0)	4	7.5 (4.8 - 11.3)	5
Kennebec	14.4 (11.6 - 17.7)	20	8.2 (6.1 - 10.7)	11	6.3 (4.5 - 8.5)	9
Knox	18.2 (13.3 - 24.4)	10	9.1 (5.8 - 13.7)	5	9.1 (5.7 - 13.9)	5
Lincoln	10.2 (6.1 - 16.0)	5	6.8 (3.4 - 12.2)	3	3.4 (1.5 - 6.9)	2
Oxford	13.6 (9.7 - 18.4)	9	5.6 (3.3 - 8.8)	4	8.0 (5.1 - 12.0)	5
Penobscot	15.2 (12.6 - 18.3)	23	7.2 (5.5 - 9.4)	11	8.0 (6.1 - 10.3)	12
Piscataquis	22.8 (13.8 - 35.7)	4	11.4 (5.6 - 21.0)	2	11.4 (5.2 - 21.8)	2
Sagadahoc	14.5 (9.5 - 21.2)	6	7.4 (4.0 - 12.5)	3	7.1 (3.7 - 12.2)	3
Somerset	11.3 (7.8 - 16.0)	7	7.0 (4.3 - 10.9)	4	4.3 (2.3 - 7.5)	3
Waldo	20.2 (14.6 - 27.3)	9	9.7 (6.0 - 15.0)	4	10.5 (6.6 - 15.9)	5
Washington	11.5 (7.2 - 17.6)	5	7.0 (3.7 - 12.1)	3	4.6 (2.1 - 8.8)	2
York	15.6 (13.3 - 18.1)	35	8.0 (6.4 - 9.9)	18	7.6 (6.0 - 9.4)	17
Maine	15.1 (14.2 - 16.0)	226	7.7 (7.1 - 8.4)	115	7.4 (6.8 - 8.0)	111

## Brain and Other Nervous System Tumors: Incidence by Public Health District of Residence, Maine, 2005-2009

	All Behaviors		Malignant		Non-Malignant	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	16.6 (12.9 - 21.0)	15	8.6 (6.1 - 12.0)	8	7.9 (5.4 - 11.2)	7
Central	13.5 (11.3 - 16.1)	26	7.9 (6.2 - 9.9)	15	5.7 (4.3 - 7.4)	11
Cumberland	14.8 (13.0 - 16.9)	46	8.2 (6.8 - 9.8)	25	6.6 (5.4 - 8.1)	21
Downeast	12.9 (10.0 - 16.5)	14	6.6 (4.5 - 9.3)	7	6.3 (4.4 - 8.9)	7
Midcoast	15.9 (13.3 - 18.8)	29	8.2 (6.4 - 10.4)	15	7.7 (5.9 - 9.8)	14
Penquis	16.0 (13.4 - 18.9)	28	7.7 (6.0 - 9.8)	14	8.2 (6.4 - 10.4)	14
Western	14.7 (12.4 - 17.3)	31	6.1 (4.7 - 7.9)	13	8.6 (6.9 - 10.6)	18
York	15.6 (13.3 - 18.1)	35	8.0 (6.4 - 9.9)	18	7.6 (6.0 - 9.4)	17
Maine	15.1 (14.2 - 16.0)	226	7.7 (7.1 - 8.4)	115	7.4 (6.8 - 8.0)	111

## Notes:

- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission



## Age-adjusted Obesity-related Cancer Incidence Rates, Maine and US, 2009

	Total			
	AA Rate (95% CI)	Count	SEER Whites	SEER All races
Adenocarcinoma of the Esophagus	5.4 (4.3 - 6.7)	91	3.2 (3.0 - 3.4)	2.7 (2.5 - 2.9)
Colon Cancer	32.9 (30.2 - 35.9)	551	29.7 (29.0 - 30.4)	30.7 (30.0 - 31.3)
Kidney Cancer	14.4 (12.6 - 16.3)	241	13.9 (13.5 - 14.4)	14.1 (13.6 - 14.5)
Cancer of Pancreas	10.6 (9.1 - 12.3)	179	12.4 (12.0 - 12.9)	12.8 (12.3 - 13.2)
Post menopausal breast cancer	See gender specific rate below			
Endometrial Cancer	See gender specific rate below			


## Age-adjusted Obesity-related Cancer Incidence Rates among Males, Maine and US, 2009

	Male			
	AA Rate (95% CI)	Count	SEER Whites	SEER All races
Adenocarcinoma of the Esophagus	10.0 (7.8 - 12.6)	75	6.0 (5.6 - 6.5)	5.1 (4.7 - 5.5)
Colon Cancer	35.1 (30.8 - 39.7)	258	32.3 (31.2 - 33.4)	33.3 (32.3 - 34.3)
Kidney Cancer	20.1 (17.0 - 23.7)	153	19.3 (18.5 - 20.2)	19.5 (18.8 - 20.3)
Cancer of Pancreas	12.2 (10.2 - 15.5)	97	14.1 (13.4 - 14.9)	14.4 (13.7 - 15.1)
Post menopausal breast cancer	See gender specific rate below			
Endometrial Cancer	See gender specific rate below			

## Age-adjusted Obesity-related Cancer Incidence Rates among Females, Maine and US, 2009

	Female			
	AA Rate (95% CI)	Count	SEER Whites	SEER All races
Adenocarcinoma of the Esophagus	1.7 (0.9 - 2.8)	16	0.8 (0.7 - 1.0)	0.7 (0.6 - 0.9)
Colon Cancer	30.8 (27.3 - 34.7)	293	27.5 (26.6 - 28.5)	28.6 (27.8 - 29.5)
Kidney Cancer	9.7 (7.7 - 12.0)	88	9.3 (8.7 - 9.8)	9.4 (8.9 - 9.9)
Cancer of Pancreas	8.7 (6.9 - 10.9)	82	11.0 (10.5 - 11.6)	11.4 (10.9 - 12.0)
Post menopausal breast cancer	328.1 (306.4 - 350.8)	871	360.9 (354.7 - 367.2)	353.0 (347.6 - 358.5)
Endometrial Cancer	30.0 (26.5 - 33.9)	270	27.6 (26.7 - 28.6)	27.3 (26.5 - 28.1)

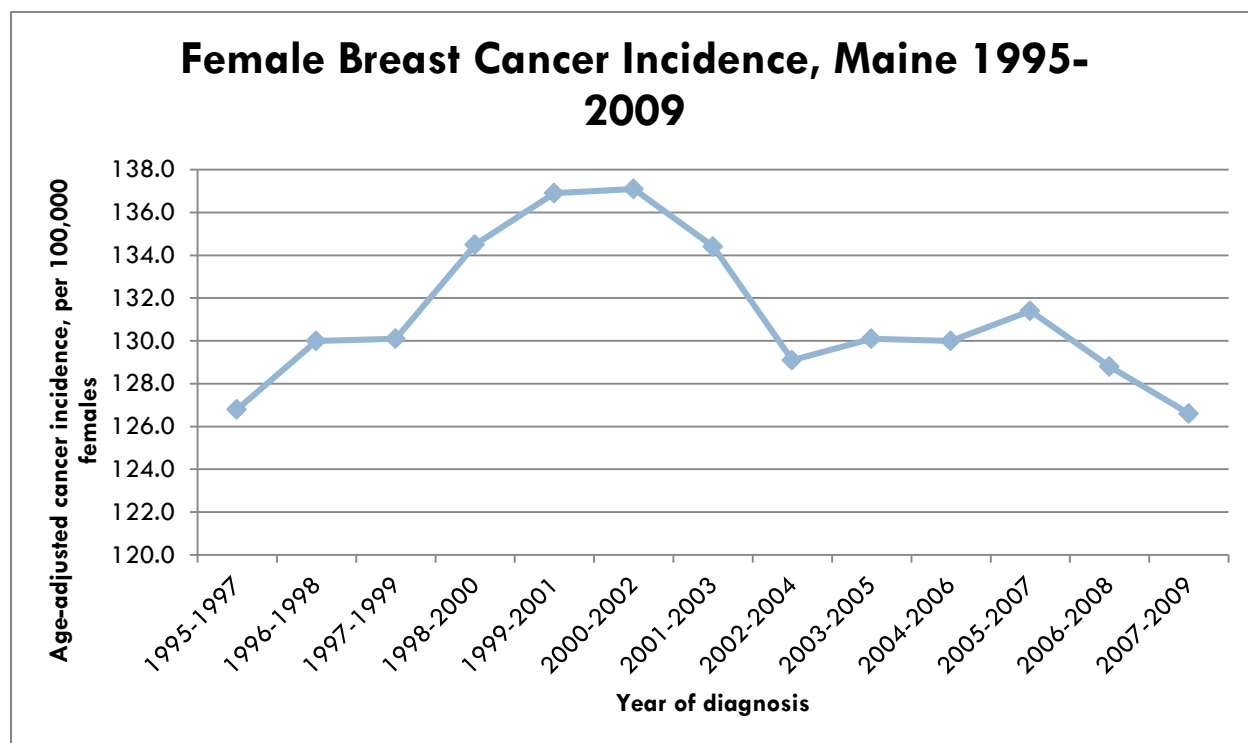
## Notes:

-  Maine rate is significantly higher than SEER White rate
- Obesity-related Cancers = Adenocarcinoma of the Esophagus, and cancers of Colon, Pancreas, Kidney, Endometrium (Corpus Uteri), and Postmenopausal Breast Cancer. Postmenopausal breast cancer include malignant breast cancer cases diagnosed among females with age 50 years or greater
- Incidence case definitions are based on SEER Site Recode ICD-O-3
- Incidence case definitions exclude histologies consistent with Kaposi Sarcoma and Mesothelioma, where applicable
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; SEER = Surveillance, Epidemiology, and End Results; Count/Yr = Average Annual Count

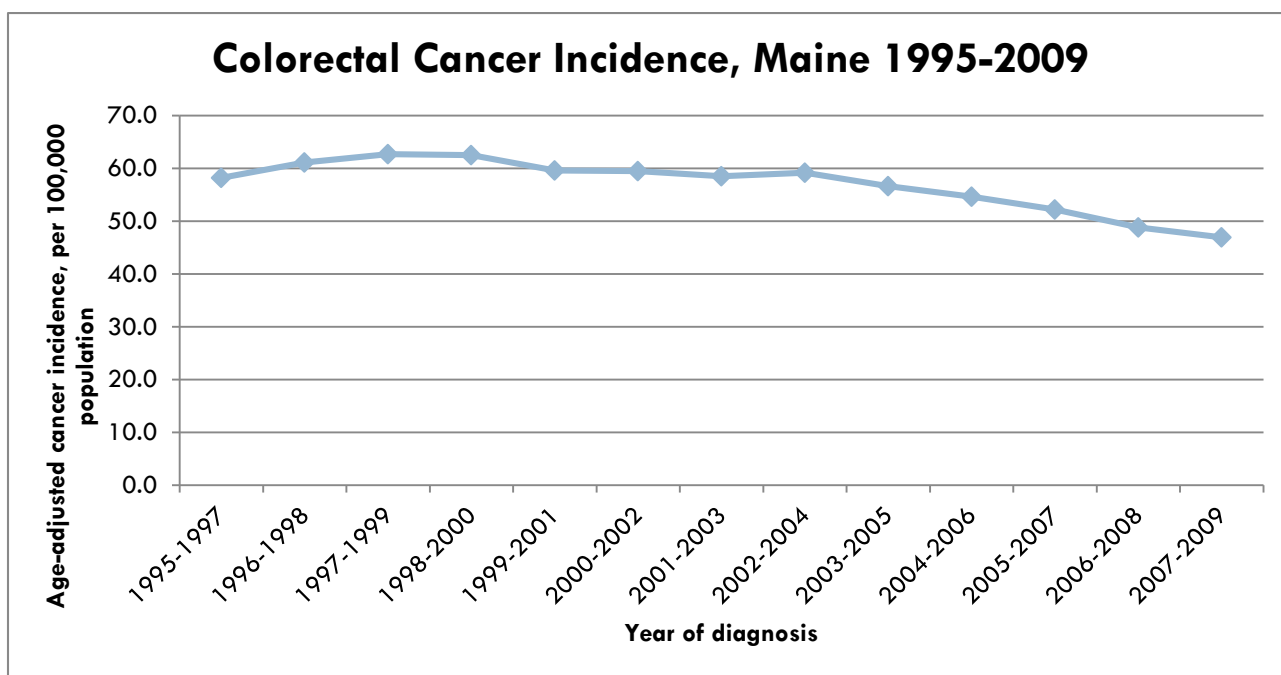
## Data Sources:

- Maine Cancer Registry, 1995-2009 NPCR-CSS submission
- National Incidence: Surveillance, Epidemiology and End Results, SEER 9 Regs Limited-use, Nov 2011 Sub (1973-2009)

### Age-adjusted Incidence of Breast Cancer among Females, Maine 1995-2009



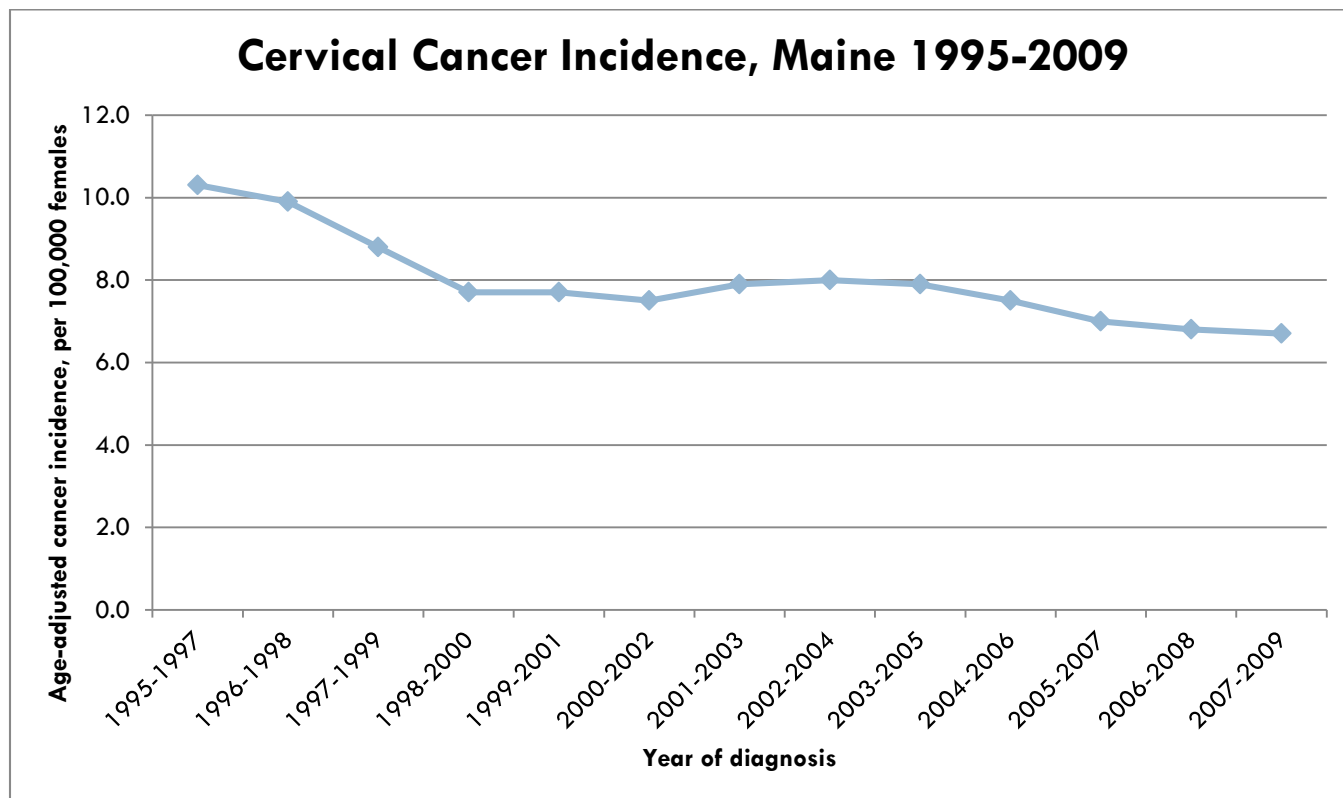
### Age-adjusted Incidence of Colorectal Cancer, Maine 1995-2009



#### Notes:

- Data Source: Maine Cancer Registry, November 2011 NPCR submission
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.

Age-adjusted Incidence of Cervical Cancer among Females, Maine 1995-2009

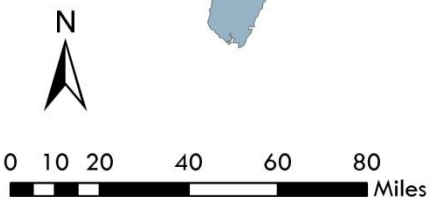
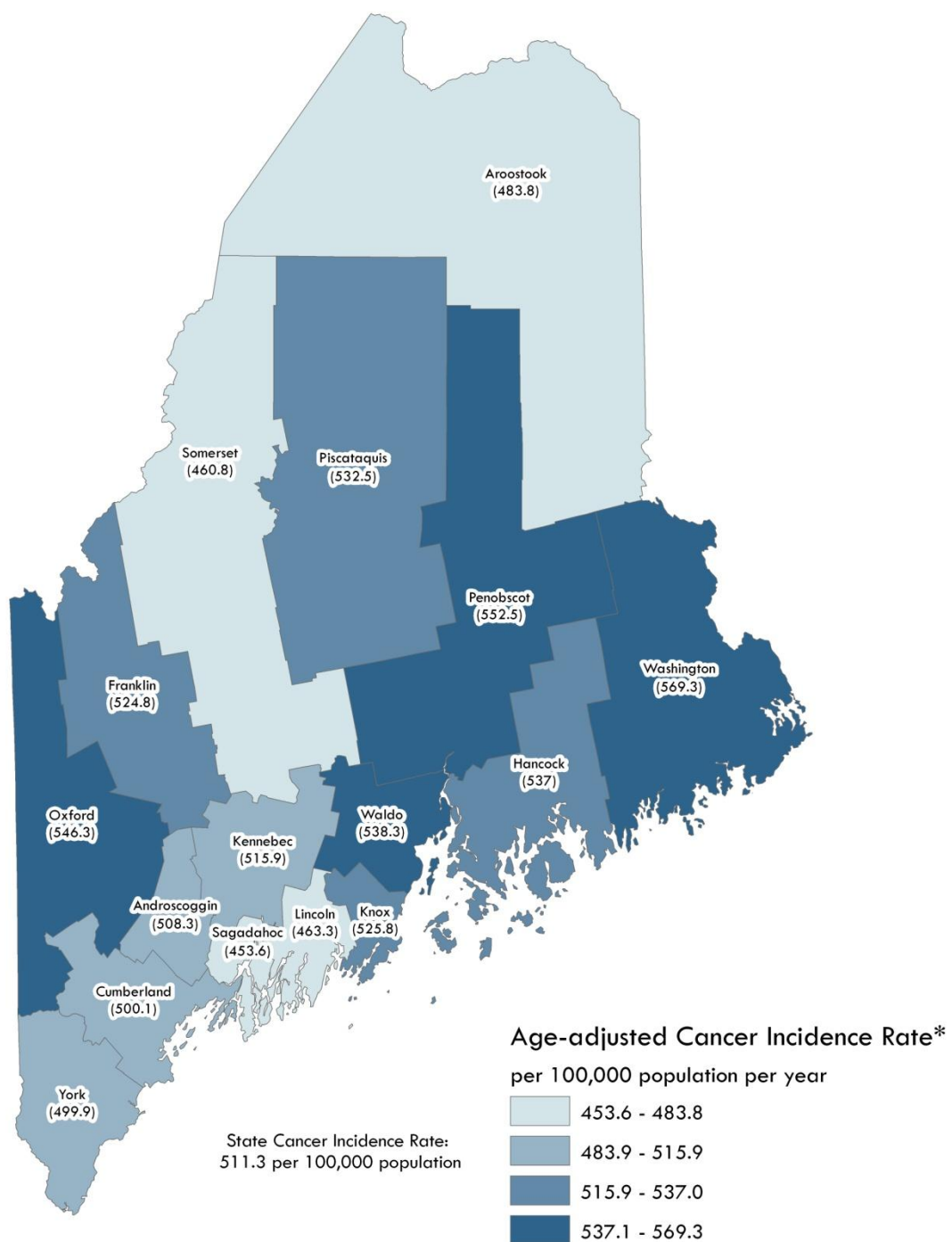


Notes:

- Data Source: Maine Cancer Registry, November 2011 NPCR submission
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population.

# CANCER INCIDENCE MAPS

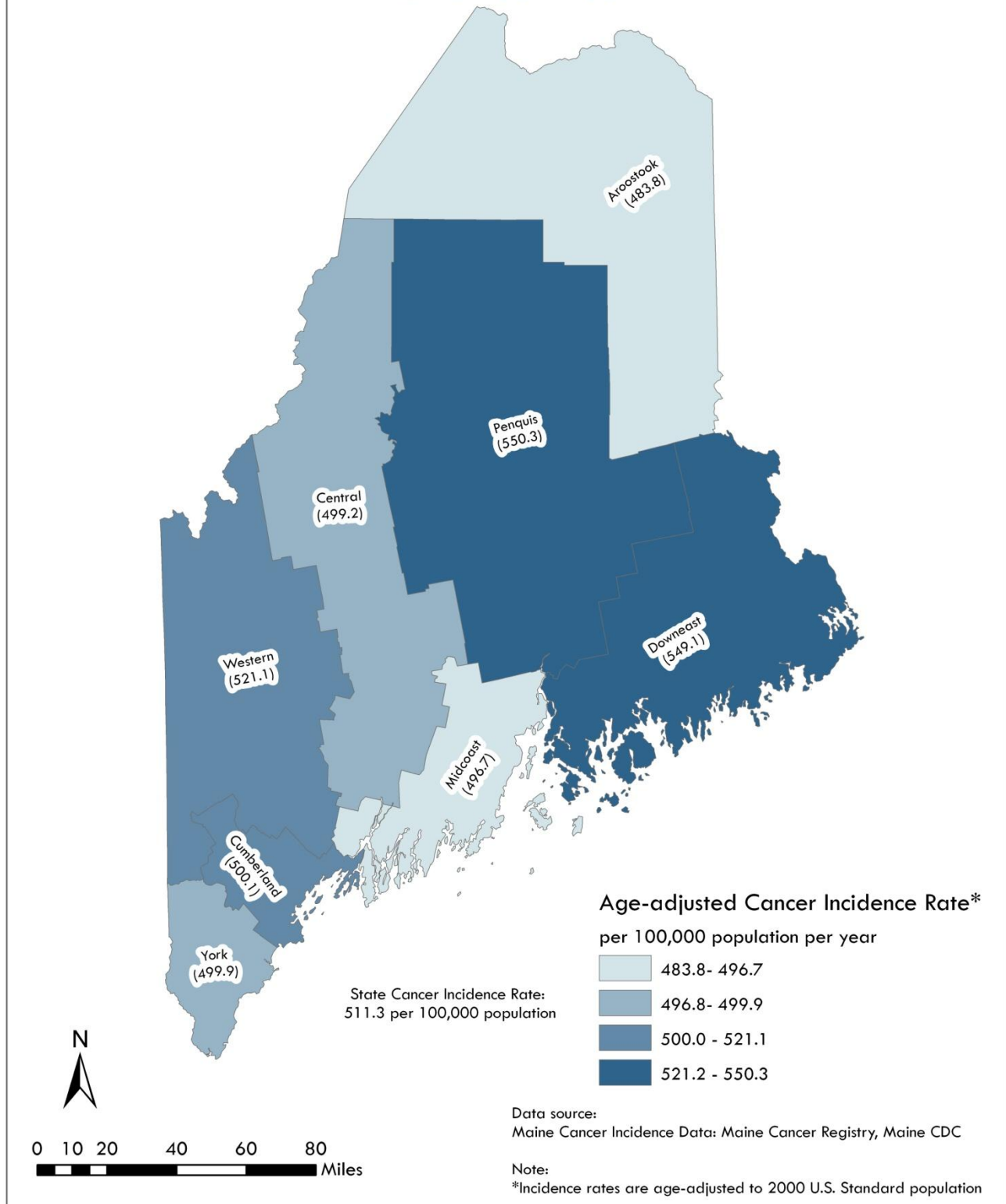
## Cancer Incidence Rate for All Sites Combined by County, Maine 2007-2009



Data source:  
Maine Cancer Incidence Data: Maine Cancer Registry, Maine CDC

Note:  
\*Incidence rates are age-adjusted to 2000 U.S. Standard population

## Cancer Incidence Rate for All Sites Combined by Public Health District, Maine 2007-2009




# CANCER RELATED MORTALITY

## MORTALITY: STATE AND NATIONAL COMPARISONS

### Age-adjusted Cancer Mortality Rate by Site, Maine 2008

	Total			
	AA Rate (95% CI)	Count	US Whites	US All Races
All Malignant Cancers	186.3 (179.7 - 193.1)	3,093	174.9 (174.4 - 175.4)	175.8 (175.3 - 176.2)
Lung and Bronchus	56.2 (52.6 - 59.9)	931	50.2 (50.0 - 50.5)	49.6 (49.4 - 49.8)
Tobacco-related, excl. Lung	35.1 (32.3 - 38.1)	582	34.3 (34.1 - 34.5)	34.7 (34.5 - 34.9)
Colon and Rectum	16.3 (14.4 - 18.4)	270	15.8 (15.7 - 16.0)	16.4 (16.2 - 16.5)
Breast	See page 28 for gender specific rates			
Prostate	See page 29 for gender specific rates			
Pancreas	11.6 (10.0 - 13.4)	195	10.8 (10.7 - 10.9)	10.9 (10.8 - 11.0)
Non-Hodgkin Lymphoma	8.3 (6.9 - 9.8)	135	6.7 (6.6 - 6.8)	6.4 (6.3 - 6.5)
Urinary Bladder	5.7 (4.6 - 7.0)	94	4.6 (4.5 - 4.6)	4.4 (4.3 - 4.4)
Leukemia	5.6 (4.5 - 6.9)	93	7.3 (7.2 - 7.4)	7.0 (6.9 - 7.1)
Brain and Other Nervous System	5.3 (4.2 - 6.6)	85	4.6 (4.6 - 4.7)	4.3 (4.2 - 4.4)
Esophagus	4.2 (3.3 - 5.4)	71	4.3 (4.2 - 4.4)	4.2 (4.2 - 4.3)
Liver & Intrahep. Bile Duct	3.8 (2.9 - 4.9)	63	5.1 (5.1 - 5.2)	5.6 (5.5 - 5.7)
Kidney and Renal Pelvis	3.6 (2.7 - 4.6)	60	4.1 (4.0 - 4.1)	4.0 (3.9 - 4.0)
Stomach	3.2 (2.4 - 4.2)	52	3.1 (3.0 - 3.1)	3.5 (3.5 - 3.6)
Melanoma of the Skin	3.0 (2.2 - 3.9)	50	3.1 (3.0 - 3.1)	2.7 (2.6 - 2.7)
Oral Cavity and Pharynx	2.5 (1.8 - 3.5)	41	2.4 (2.3 - 2.5)	2.5 (2.4 - 2.5)
Myeloma	2.4 (1.7 - 3.3)	39	3.1 (3.0 - 3.1)	3.3 (3.3 - 3.4)
Acute Myeloid Leukemia	1.9 (1.2 - 2.7)	30	2.9 (2.9 - 3.0)	2.8 (2.8 - 2.9)
Larynx	1.3 (0.8 - 2.0)	22	1.1 (1.1 - 1.1)	1.2 (1.1 - 1.2)
Thyroid	~	~	0.5 (0.5 - 0.5)	0.5 (0.5 - 0.5)
Hodgkin Lymphoma	~	~	0.4 (0.4 - 0.4)	0.4 (0.4 - 0.4)
Ovary	See page 29 for gender specific rates			
Corpus Uteri	See page 29 for gender specific rates			
Cervix Uteri	See page 29 for gender specific rates			
Testis	See page 28 for gender specific rates			

#### Notes:

-  Maine rate is significantly higher than US White rate
- Mortality case definitions are based on ICD-10 codes (See page 4)
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding; Nerv. = Nervous; Intrahep. = Intrahepatic
- Tobacco-related cancers, excl. lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia
- ~ Rates and counts are suppressed due to fewer than 10 cases

#### Data Sources:


- Maine and U.S. Mortality: National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2008)



## Age-adjusted Cancer Mortality Rates by Site, Maine 2008

	Male			
	AA Rate (95% CI)	Count	US Whites	US All Races
All Malignant Cancers	232.9 (221.6 - 244.6)	1,645	213.3 (212.4 - 214.1)	215.7 (214.9 - 216.4)
Lung and Bronchus	73.1 (66.9 - 79.8)	528	63.8 (63.3 - 64.2)	64.0 (63.6 - 64.5)
Tobacco-related, excl. Lung	49.9 (44.8 - 55.5)	360	47.9 (47.8 - 47.4)	47.9 (47.6 - 48.3)
Prostate	23.5 (19.8 - 27.6)	150	21.2 (20.9 - 21.4)	22.8 (22.6 - 23.1)
Colon and Rectum	21.3 (18.0 - 25.2)	145	19.0 (18.7 - 19.2)	19.7 (19.4 - 19.9)
Pancreas	12.2 (9.8 - 15.1)	93	12.5 (12.3 - 12.7)	12.6 (12.4 - 12.7)
Non-Hodgkin Lymphoma	11.2 (8.8 - 14.0)	76	8.5 (8.4 - 8.7)	8.2 (8.0 - 8.4)
Urinary Bladder	9.8 (7.6 - 12.5)	67	8.0 (7.8 - 8.2)	7.6 (7.4 - 7.7)
Leukemia	8.6 (6.5 - 11.1)	57	9.8 (9.6 - 10.0)	9.5 (9.4 - 9.7)
Esophagus	8.2 (6.2 - 10.6)	61	7.8 (7.6 - 7.9)	7.6 (7.4 - 7.7)
Liver & Intrahep. Bile Duct	6.2 (4.5 - 8.4)	45	7.7 (7.5 - 7.8)	8.4 (8.2 - 8.5)
Brain and Other Nervous System	6.0 (4.4 - 8.1)	47	5.7 (5.5 - 5.8)	5.3 (5.1 - 5.4)
Kidney and Renal Pelvis	5.5 (3.9 - 7.5)	39	5.9 (5.8 - 6.1)	5.8 (5.7 - 6.0)
Stomach	5.3 (3.7 - 7.3)	36	4.2 (4.1 - 4.4)	4.9 (4.8 - 5.0)
Oral Cavity and Pharynx	3.6 (2.3 - 5.4)	25	3.6 (3.5 - 3.7)	3.8 (3.7 - 3.9)
Melanoma of the Skin	3.5 (2.3 - 5.2)	27	4.6 (4.5 - 4.7)	4.1 (4.0 - 4.2)
Myeloma	3.2 (2.0 - 4.9)	23	4.0 (3.9 - 4.2)	4.3 (4.2 - 4.4)
Acute Myeloid Leukemia	3.0 (1.8 - 4.6)	21	3.8 (3.7 - 3.9)	3.7 (3.6 - 3.8)
Larynx	2.4 (1.4 - 3.8)	18	1.9 (1.9 - 2.0)	2.1 (2.0 - 2.1)
Thyroid	~	~	0.5 (0.5 - 0.6)	0.5 (0.5 - 0.5)
Hodgkin Lymphoma	~	~	0.5 (0.4 - 0.5)	0.5 (0.4 - 0.5)
Testis	~	~	0.3 (0.2 - 0.3)	0.2 (0.2 - 0.3)
Breast	~	~	0.3 (0.3 - 0.3)	0.3 (0.3 - 0.3)

## Notes:

-  Maine rate is significantly higher than US White rate
- Mortality case definitions are based on ICD-10 codes (See page 4)
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding; Nerv. = Nervous; Intrahep.= Intrahepatic
- Tobacco-related cancers, excl. lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia
- ~ Rates and counts are suppressed due to fewer than 10 cases

## Data Sources:

- Maine and U.S. Mortality: National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2008)

## Age-adjusted Cancer Mortality Rates by Site, Maine 2008

	Female			
	AA Rate (95% CI)	Count	US Whites	US All Races
All Malignant Cancers	155.2 (147.2 - 163.6)	1,448	148.2 (147.6 - 148.8)	148.4 (147.9 - 149.0)
Lung and Bronchus	43.9 (39.7 - 48.5)	403	40.2 (39.9 - 40.6)	39.0 (38.7 - 39.3)
Tobacco-related, excl. Lung	23.6 (20.5 - 27.0)	222	24.1 (23.9 - 24.4)	24.9 (24.6 - 25.1)
Breast	21.8 (18.8 - 25.2)	199	21.9 (21.6 - 22.1)	22.5 (22.3 - 22.7)
Colon and Rectum	12.7 (10.5 - 15.2)	125	13.4 (13.2 - 13.5)	13.8 (13.6 - 14.0)
Prostate	See page for gender specific rates			
Pancreas	10.6 (8.6 - 12.9)	102	9.4 (9.2 - 9.6)	9.6 (9.4 - 9.7)
Ovary	7.6 (5.9 - 9.7)	71	8.2 (8.1 - 8.4)	8.0 (7.8 - 8.1)
Non-Hodgkin Lymphoma	6.1 (4.7 - 8.0)	59	5.3 (5.1 - 5.4)	5.0 (4.9 - 5.1)
Brain and Other Nervous System	4.7 (3.3 - 6.5)	38	3.8 (3.7 - 3.9)	3.5 (3.4 - 3.6)
Leukemia	3.7 (2.6 - 5.3)	36	5.4 (5.3 - 5.5)	5.3 (5.2 - 5.4)
Urinary Bladder	2.8 (1.8 - 4.2)	27	2.2 (2.2 - 2.3)	2.2 (2.1 - 2.3)
Melanoma of the Skin	2.5 (1.6 - 3.8)	23	1.9 (1.8 - 2.0)	1.6 (1.6 - 1.7)
Corpus Uteri	2.5 (1.5 - 3.8)	22	1.8 (1.8 - 1.9)	1.9 (1.8 - 2.0)
Kidney and Renal Pelvis	2.3 (1.4 - 3.6)	21	2.6 (2.5 - 2.7)	2.5 (2.5 - 2.6)
Cervix Uteri	2.0 (1.2 - 3.4)	17	2.2 (2.1 - 2.2)	2.4 (2.3 - 2.5)
Liver & Intrahep. Bile Duct	1.9 (1.1 - 3.0)	18	3.0 (2.9 - 3.1)	3.2 (3.2 - 3.3)
Stomach	1.8 (1.0 - 3.0)	16	2.1 (2.1 - 2.2)	2.5 (2.4 - 2.6)
Myeloma	1.7 (1.0 - 2.9)	16	2.4 (2.3 - 2.4)	2.6 (2.5 - 2.7)
Oral Cavity and Pharynx	1.6 (0.9 - 2.8)	16	1.4 (1.3 - 1.4)	1.4 (1.3 - 1.4)
Esophagus	1.1 (0.5 - 2.1)	10	1.5 (1.4 - 1.6)	1.6 (1.5 - 1.6)
Acute Myeloid Leukemia	~	~	2.3 (2.2 - 2.4)	2.2 (2.2 - 2.3)
Thyroid	~	~	0.5 (0.5 - 0.5)	0.5 (0.5 - 0.6)
Hodgkin Lymphoma	~	~	0.3 (0.3 - 0.4)	0.3 (0.3 - 0.3)
Larynx	~	~	0.4 (0.4 - 0.5)	0.5 (0.4 - 0.5)

## Notes:

- Mortality case definitions are based on ICD-10 codes (See page 4)
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Excl. = Excluding; Nerv. = Nervous; Intrahep.= Intrahepatic
- Tobacco-related cancers, excl. lung = laryngeal, oral cavity and pharynx, esophageal, stomach, pancreatic, kidney and renal pelvis, urinary bladder, and cervical cancers, and acute myeloid leukemia
- ~ Rates and counts are suppressed due to fewer than 10 cases

## Data Sources:

- Maine and U.S. Mortality: National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2008)

## All Cancers: Mortality by County of Residence, Maine 2004-2008

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	192.3 (181.5 - 203.6)	240	230.6 (212.4 - 250.0)	121	167.9 (154.4 - 182.4)	119
Aroostook	196.4 (184.3 - 209.3)	197	249.8 (228.7 - 272.5)	107	158.8 (144.3 - 174.5)	90
Cumberland	190.6 (183.8 - 197.6)	601	242.5 (230.4 - 255.0)	310	159.1 (150.8 - 167.7)	291
Franklin	215.0 (193.3 - 238.6)	74	264.6 (227.3 - 306.2)	39	185.3 (158.4 - 215.8)	35
Hancock	205.4 (190.6 - 221.1)	145	242.1 (217.6 - 268.7)	74	182.0 (163.3 - 202.5)	71
Kennebec	198.8 (188.6 - 209.5)	288	239.1 (221.9 - 257.3)	148	171.9 (159.2 - 185.3)	140
Knox	177.6 (162.4 - 193.9)	104	240.6 (213.7 - 270.2)	59	133.2 (115.8 - 152.9)	45
Lincoln	185.2 (168.9 - 202.9)	97	216.7 (190.1 - 246.3)	49	164.3 (143.8 - 187.5)	48
Oxford	213.3 (198.4 - 229.2)	153	275.6 (249.7 - 303.6)	86	169.6 (151.7 - 189.2)	67
Penobscot	205.8 (196.0 - 215.9)	339	255.3 (238.4 - 273.2)	178	172.1 (160.4 - 184.6)	161
Piscataquis	225.8 (199.5 - 255.0)	55	275.9 (231.4 - 327.1)	29	192.9 (160.7 - 230.9)	26
Sagadahoc	189.0 (170.7 - 208.7)	80	238.0 (206.1 - 273.4)	42	158.5 (136.5 - 183.4)	38
Somerset	202.5 (187.0 - 219.2)	126	260.6 (233.2 - 290.4)	69	162.9 (144.4 - 183.3)	57
Waldo	197.6 (179.4 - 217.1)	89	233.7 (203.3 - 267.4)	46	173.4 (150.8 - 198.6)	43
Washington	215.3 (196.7 - 235.4)	101	287.3 (254.5 - 323.3)	58	163.9 (142.2 - 188.5)	43
York	186.3 (178.5 - 194.4)	438	224.7 (211.5 - 238.5)	225	161.2 (151.5 - 171.3)	213
Maine	196.0 (192.9 - 199.1)	3,127	243.4 (238.1 - 248.9)	1,640	164.7 (161.0 - 168.6)	1,487

## All Cancers: Mortality by Public Health District of Residence, Maine 2004-2008

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	196.4 (184.3 - 209.3)	197	249.8 (228.7 - 272.5)	107	158.8 (144.3 - 174.5)	90
Central	199.9 (191.3 - 208.7)	414	245.5 (230.8 - 260.9)	217	169.0 (158.5 - 180.1)	197
Cumberland	190.6 (183.8 - 197.6)	601	242.5 (230.4 - 255.0)	310	159.1 (150.8 - 167.7)	291
Downeast	209.0 (197.3 - 221.2)	245	259.4 (239.6 - 280.5)	131	174.5 (160.3 - 189.9)	114
Midcoast	186.7 (178.3 - 195.5)	372	231.9 (217.4 - 247.2)	197	156.3 (146.0 - 167.3)	175
Penquis	208.3 (199.1 - 217.7)	394	257.9 (242.0 - 274.6)	207	174.8 (163.7 - 186.5)	187
Western	201.5 (193.3 - 209.9)	466	249.0 (235.1 - 263.6)	245	170.5 (160.4 - 181.1)	221
York	186.3 (178.5 - 194.4)	438	224.7 (211.5 - 238.5)	225	161.2 (151.5 - 171.3)	213
Maine	196.0 (192.9 - 199.1)	3,127	243.4 (238.1 - 248.9)	1,640	164.7 (161.0 - 168.6)	1,487

## Notes:

- County/District rate is significantly higher than Maine rate
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2008)

## Lung Cancer: Mortality by County of Residence, Maine 2004-2008

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	60.6 (54.6 - 67.2)	74	70.6 (60.8 - 81.6)	38	53.5 (45.9 - 62.1)	36
Aroostook	61.3 (54.6 - 68.6)	62	88.4 (76.2 - 102.0)	39	41.4 (34.2 - 50.0)	23
Cumberland	55.9 (52.2 - 59.8)	173	73.9 (67.4 - 81.0)	95	43.9 (39.6 - 48.6)	78
Franklin	57.4 (46.6 - 70.1)	20	77.3 (58.5 - 100.4)	12	41.5 (29.5 - 57.1)	8
Hancock	60.3 (52.4 - 69.2)	43	71.9 (59.1 - 86.9)	23	51.9 (42.2 - 63.6)	20
Kennebec	57.2 (51.8 - 63.1)	83	68.7 (59.8 - 78.6)	44	49.3 (42.6 - 56.8)	39
Knox	51.7 (43.7 - 60.9)	30	74.0 (59.5 - 91.2)	18	36.6 (27.7 - 48.0)	12
Lincoln	55.4 (46.7 - 65.6)	29	63.8 (49.7 - 81.0)	14	50.2 (39.3 - 64.0)	15
Oxford	65.2 (57.2 - 74.2)	48	91.1 (76.6 - 107.7)	29	47.0 (37.9 - 57.9)	19
Penobscot	64.2 (58.9 - 69.9)	107	83.4 (74.0 - 93.6)	61	49.8 (43.6 - 56.8)	46
Piscataquis	62.7 (49.6 - 78.8)	16	86.4 (63.3 - 116.1)	10	44.3 (30.0 - 64.8)	6
Sagadahoc	60.0 (49.9 - 71.5)	25	70.8 (54.3 - 90.8)	13	51.9 (39.7 - 67.0)	12
Somerset	70.5 (61.5 - 80.5)	45	93.9 (78.2 - 112.1)	26	52.7 (42.5 - 64.9)	19
Waldo	59.4 (49.7 - 70.6)	27	64.7 (49.6 - 83.1)	13	55.2 (42.8 - 70.3)	14
Washington	69.2 (58.9 - 80.9)	33	89.9 (72.4 - 110.8)	19	53.3 (41.4 - 68.1)	14
York	54.3 (50.1 - 58.7)	127	66.9 (59.9 - 74.6)	68	45.8 (40.7 - 51.4)	59
Maine	59.1 (57.4 - 60.8)	942	75.6 (72.7 - 78.6)	521	47.3 (45.3 - 49.4)	421

## Lung Cancer: Mortality by Public Health District of Residence, Maine 2004-2008

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	61.3 (54.6 - 68.6)	62	88.4 (76.2 - 102.0)	39	41.4 (34.2 - 50.0)	23
Central	61.2 (56.5 - 66.2)	128	76.4 (68.4 - 85.0)	70	50.3 (44.6 - 56.5)	58
Cumberland	55.9 (52.2 - 59.8)	173	73.9 (67.4 - 81.0)	95	43.9 (39.6 - 48.6)	78
Downeast	63.7 (57.4 - 70.6)	75	78.9 (68.4 - 90.8)	41	52.4 (44.7 - 61.1)	34
Midcoast	56.2 (51.6 - 61.2)	112	68.9 (61.1 - 77.4)	59	47.5 (41.9 - 53.8)	53
Penquis	64.1 (59.1 - 69.4)	123	83.8 (75.1 - 93.3)	70	49.2 (43.4 - 55.7)	53
Western	61.3 (56.8 - 66.0)	142	77.8 (70.2 - 86.0)	79	49.5 (44.1 - 55.4)	63
York	54.3 (50.1 - 58.7)	127	66.9 (59.9 - 74.6)	68	45.8 (40.7 - 51.4)	59
Maine	59.1 (57.4 - 60.8)	942	75.6 (72.7 - 78.6)	521	47.3 (45.3 - 49.4)	421

## Notes:

- County/District rate is significantly higher than Maine rate
- Mortality case definitions are based on ICD-10 codes (See page 4)
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2008)

# Tobacco-related Cancers, Excl. Lung: Mortality by County of Residence, Maine 2004-2008

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	39.5 (34.7 - 44.8)	49	60.1 (51.0 - 70.3)	32	23.7 (18.9 - 29.4)	18
Aroostook	36.5 (31.3 - 42.3)	37	50.1 (40.9 - 60.9)	21	26.9 (21.1 - 34.0)	15
Cumberland	38.2 (35.2 - 41.4)	121	55.0 (49.4 - 61.0)	73	26.2 (23.0 - 29.9)	49
Franklin	50.4 (40.2 - 62.6)	17	60.6 (43.5 - 82.2)	9	45.7 (32.6 - 62.5)	8
Hancock	38.6 (32.4 - 45.8)	27	54.9 (43.6 - 68.4)	17	26.2 (19.6 - 34.7)	11
Kennebec	39.9 (35.5 - 44.9)	58	54.9 (47.0 - 63.9)	35	27.3 (22.5 - 33.0)	23
Knox	33.6 (27.1 - 41.2)	20	54.8 (42.6 - 69.7)	14	16.6 (10.8 - 25.0)	6
Lincoln	33.5 (26.9 - 41.6)	18	43.4 (32.3 - 57.7)	10	25.6 (18.0 - 36.1)	8
Oxford	47.2 (40.3 - 55.0)	34	67.5 (55.1 - 82.0)	21	31.6 (24.1 - 40.8)	12
Penobscot	37.8 (33.7 - 42.3)	63	52.5 (45.1 - 60.9)	37	26.4 (22.0 - 31.6)	25
Piscataquis	36.7 (26.8 - 49.7)	9	48.8 (31.8 - 72.8)	5	29.2 (17.5 - 47.3)	4
Sagadahoc	36.1 (28.4 - 45.4)	15	54.3 (40.1 - 71.9)	10	21.1 (13.5 - 31.7)	5
Somerset	34.9 (28.6 - 42.2)	22	47.5 (36.5 - 60.9)	13	25.0 (18.1 - 34.1)	9
Waldo	38.9 (31.2 - 48.0)	18	47.9 (35.3 - 63.8)	10	31.4 (22.3 - 43.2)	8
Washington	42.3 (34.2 - 51.9)	19	66.9 (51.5 - 85.8)	13	24.1 (16.2 - 35.1)	6
York	37.7 (34.2 - 41.4)	89	56.4 (50.0 - 63.5)	58	23.4 (19.8 - 27.4)	31
Maine	38.5 (37.2 - 39.9)	617	55.0 (52.5 - 57.6)	380	26.0 (24.5 - 27.5)	237

## Tobacco-related Cancers, Excl. Lung: Mortality by Public Health District of Residence, Maine 2004-2008

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	36.5 (31.3 - 42.3)	37	50.1 (40.9 - 60.9)	21	26.9 (21.1 - 34.0)	15
Central	38.4 (34.7 - 42.4)	80	52.6 (46.0 - 59.8)	48	26.6 (22.6 - 31.3)	31
Cumberland	38.2 (35.2 - 41.4)	121	55.0 (49.4 - 61.0)	73	26.2 (23.0 - 29.9)	49
Downeast	39.9 (34.9 - 45.5)	47	59.5 (50.2 - 70.2)	30	25.2 (20.1 - 31.5)	17
Midcoast	35.4 (31.8 - 39.4)	71	50.0 (43.6 - 57.2)	45	23.5 (19.6 - 28.1)	26
Penquis	37.7 (33.9 - 41.8)	72	52.1 (45.2 - 59.8)	43	26.7 (22.5 - 31.5)	29
Western	43.5 (39.8 - 47.5)	100	62.2 (55.4 - 69.7)	62	29.5 (25.4 - 34.2)	39
York	37.7 (34.2 - 41.4)	89	56.4 (50.0 - 63.5)	58	23.4 (19.8 - 27.4)	31
Maine	38.5 (37.2 - 39.9)	617	55.0 (52.5 - 57.6)	380	26.0 (24.5 - 27.5)	237

### Notes:

- County/District rate is significantly higher than Maine rate
- Mortality case definitions are based on ICD-10 codes (See page 4)
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: Excl. = Excluding; AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

### Data Sources:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2008)

### Prostate Cancer: Mortality by County of Residence, Maine 2004-2008

	Male	
	AA Rate (95% CI)	Count/Yr
Androscoggin	17.4 (12.6 - 23.5)	9
Aroostook	14.5 (9.6 - 21.2)	6
Cumberland	26.5 (22.5 - 31.1)	31
Franklin	25.3 (14.3 - 41.1)	3
Hancock	27.5 (19.4 - 38.0)	8
Kennebec	30.7 (24.3 - 38.3)	16
Knox	25.2 (16.9 - 36.5)	6
Lincoln	30.9 (21.2 - 43.9)	7
Oxford	23.6 (16.0 - 33.5)	6
Penobscot	24.4 (19.0 - 30.8)	15
Piscataquis	38.9 (23.2 - 62.0)	4
Sagadahoc	38.1 (25.2 - 55.0)	6
Somerset	18.8 (11.8 - 28.5)	5
Waldo	30.6 (19.6 - 45.4)	5
Washington	20.7 (12.6 - 32.5)	4
York	23.8 (19.4 - 28.9)	21
Maine	25.0 (23.2 - 26.8)	150

### Prostate Cancer: Mortality by Public Health District of Residence, Maine 2004-2008

	Male	
	AA Rate (95% CI)	Count/Yr
Aroostook	14.5 (9.6 - 21.2)	6
Central	27.5 (22.4 - 33.4)	21
Cumberland	26.5 (22.5 - 31.1)	31
Downeast	24.8 (18.8 - 32.2)	12
Midcoast	30.5 (25.2 - 36.7)	23
Penquis	26.4 (21.2 - 32.5)	19
Western	20.4 (16.4 - 25.1)	18
York	23.8 (19.4 - 28.9)	21
Maine	25.0 (23.2 - 26.8)	150

#### Notes:

- Mortality case definitions are based on ICD-10 codes (See page 4)
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

#### Data Sources:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2008)

### Female Breast Cancer: Mortality by County of Residence, Maine 2004-2008

	Female	
	AA Rate (95% CI)	Count/Yr
Androscoggin	26.6 (21.3 - 32.8)	19
Aroostook	22.1 (16.7 - 28.7)	12
Cumberland	19.4 (16.6 - 22.6)	35
Franklin	21.1 (13.0 - 33.0)	4
Hancock	24.2 (17.6 - 32.9)	9
Kennebec	20.4 (16.1 - 25.6)	16
Knox	25.3 (17.9 - 35.2)	8
Lincoln	19.2 (12.6 - 28.8)	6
Oxford	24.8 (18.3 - 33.1)	10
Penobscot	22.8 (18.6 - 27.7)	21
Piscataquis	22.4 (12.1 - 39.4)	3
Sagadahoc	24.1 (15.9 - 35.4)	6
Somerset	18.8 (13.0 - 26.6)	7
Waldo	15.1 (9.2 - 23.8)	4
Washington	19.0 (11.8 - 29.5)	5
York	21.5 (18.0 - 25.5)	28
Maine	21.5 (20.1 - 22.9)	192

### Female Breast Cancer: Mortality by Public Health District of Residence, Maine 2004-2008

	Female	
	AA Rate (95% CI)	Count/Yr
Aroostook	22.1 (16.7 - 28.7)	12
Central	19.9 (16.3 - 24.0)	23
Cumberland	19.4 (16.6 - 22.6)	35
Downeast	22.2 (17.2 - 28.5)	14
Midcoast	21.0 (17.3 - 25.4)	23
Penquis	22.7 (18.8 - 27.3)	24
Western	25.2 (21.4 - 29.5)	33
York	21.5 (18.0 - 25.5)	28
Maine	21.5 (20.1 - 22.9)	192

#### Notes:

- Mortality case definitions are based on ICD-10 codes (See page 4)
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

#### Data Sources:

- National Center for Health Statistics, All Causes of Death, Public-Use with County, Total U.S. (1969-2008)

## Colorectal Cancer: Mortality by County of Residence, Maine 2004-2008

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Androscoggin	15.3 (12.4 - 18.7)	19	20.0 (14.8 - 26.4)	10	12.2 (8.9 - 16.5)	9
Aroostook	20.0 (16.2 - 24.4)	20	24.3 (17.9 - 32.4)	10	16.7 (12.3 - 22.5)	10
Cumberland	19.1 (17.0 - 21.4)	60	23.2 (19.5 - 27.3)	29	16.4 (13.8 - 19.3)	31
Franklin	25.5 (18.2 - 34.9)	9	35.1 (22.0 - 53.1)	5	20.5 (11.9 - 33.0)	4
Hancock	16.6 (12.7 - 21.6)	12	17.8 (11.6 - 26.2)	5	16.2 (11.1 - 23.3)	7
Kennebec	17.7 (14.8 - 21.1)	26	18.7 (14.1 - 24.4)	11	16.8 (13.2 - 21.4)	15
Knox	12.1 (8.4 - 17.0)	8	15.4 (9.1 - 24.6)	4	9.9 (5.8 - 16.5)	4
Lincoln	13.9 (9.8 - 19.5)	8	15.9 (9.4 - 25.9)	4	12.1 (7.3 - 19.9)	4
Oxford	19.5 (15.1 - 24.8)	14	25.5 (18.0 - 35.1)	8	14.9 (10.0 - 21.8)	6
Penobscot	17.4 (14.7 - 20.5)	29	19.9 (15.3 - 25.4)	14	15.9 (12.5 - 20.0)	15
Piscataquis	24.1 (15.8 - 35.6)	5	35.5 (19.9 - 58.7)	3	17.5 (8.8 - 33.0)	2
Sagadahoc	16.0 (11.1 - 22.5)	7	18.2 (10.4 - 29.7)	3	14.7 (8.7 - 23.8)	4
Somerset	20.5 (15.7 - 26.4)	12	20.0 (12.9 - 29.6)	5	20.3 (14.3 - 28.4)	7
Waldo	17.6 (12.4 - 24.2)	8	23.4 (14.5 - 35.9)	5	12.9 (7.4 - 21.4)	3
Washington	17.0 (12.2 - 23.5)	8	24.4 (15.6 - 36.8)	5	11.7 (6.6 - 20.0)	3
York	16.1 (13.9 - 18.6)	38	16.9 (13.5 - 21.0)	17	15.1 (12.3 - 18.4)	21
Maine	17.6 (16.7 - 18.6)	283	20.9 (19.3 - 22.5)	138	15.4 (14.3 - 16.6)	145

## Colorectal Cancer: Mortality by Public Health District of Residence, Maine 2004-2008

	Total		Male		Female	
	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr	AA Rate (95% CI)	Count/Yr
Aroostook	20.0 (16.2 - 24.4)	20	24.3 (17.9 - 32.4)	10	16.7 (12.3 - 22.5)	10
Central	18.6 (16.1 - 21.5)	39	19.2 (15.2 - 23.9)	17	17.9 (14.7 - 21.7)	22
Cumberland	19.1 (17.0 - 21.4)	60	23.2 (19.5 - 27.3)	29	16.4 (13.8 - 19.3)	31
Downeast	16.8 (13.6 - 20.5)	20	20.4 (15.1 - 27.0)	10	14.5 (10.7 - 19.4)	10
Midcoast	14.7 (12.4 - 17.3)	29	18.1 (14.2 - 22.8)	15	12.2 (9.5 - 15.5)	14
Penquis	18.2 (15.6 - 21.1)	35	21.9 (17.3 - 27.3)	17	16.1 (12.9 - 19.9)	18
Western	17.9 (15.5 - 20.6)	41	23.8 (19.5 - 28.7)	22	14.1 (11.3 - 17.3)	19
York	16.1 (13.9 - 18.6)	38	16.9 (13.5 - 21.0)	17	15.1 (12.3 - 18.4)	21
Maine	17.6 (16.7 - 18.6)	283	20.9 (19.3 - 22.5)	138	15.4 (14.3 - 16.6)	145

## Notes:

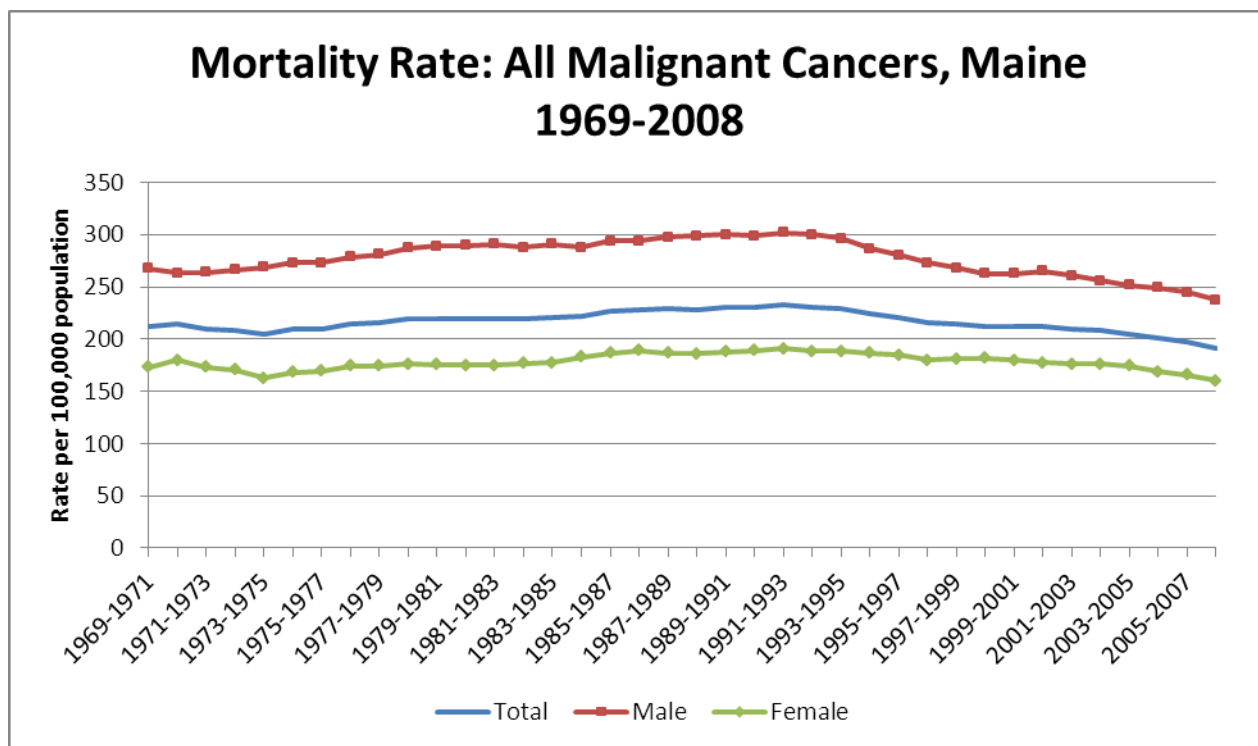
- Mortality case definitions are based on ICD-10 codes (See page 4)
- Rates are calculated per 100,000 population and age-adjusted to the year 2000 U.S. standard population
- Abbreviations: AA = Age-adjusted; CI = Confidence Interval; Count/Yr = Average Annual Count

## Data Sources:

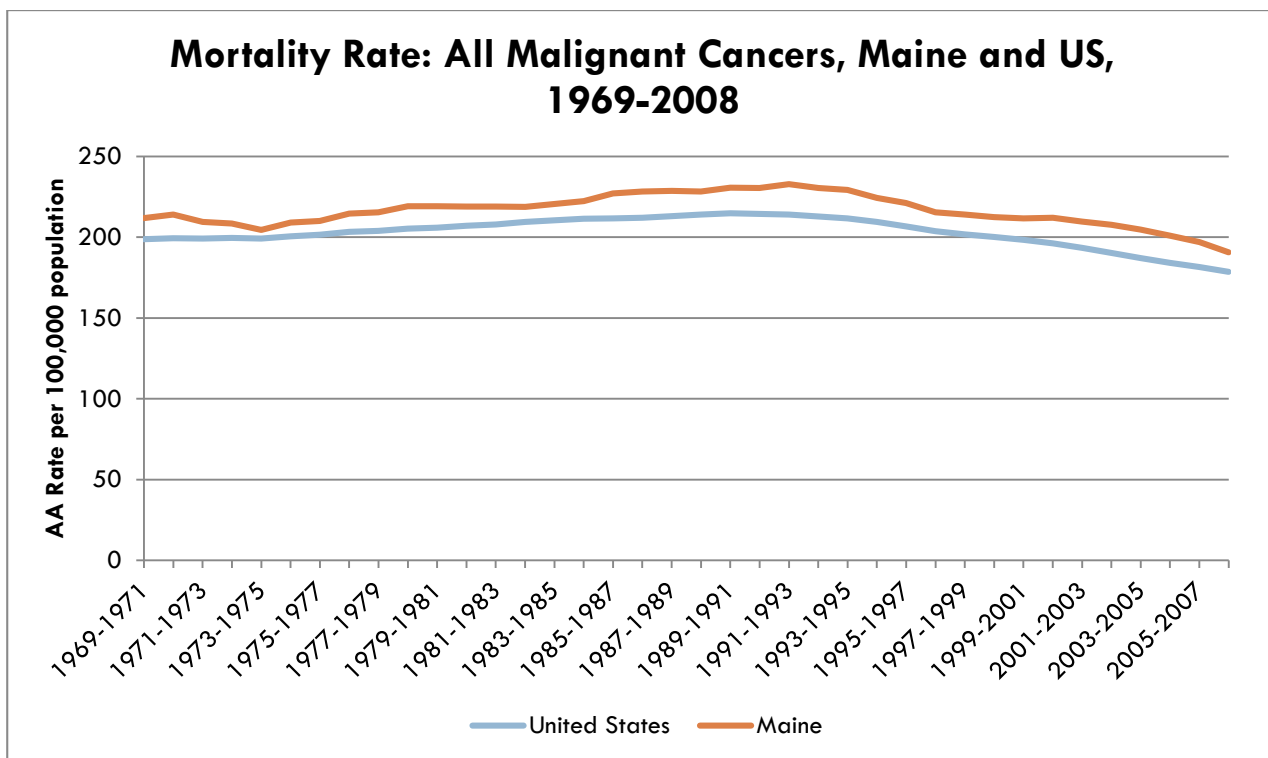
- National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2008)



Age-adjusted Cancer Mortality Trend: All Malignant Cancers, Maine 1969-2008



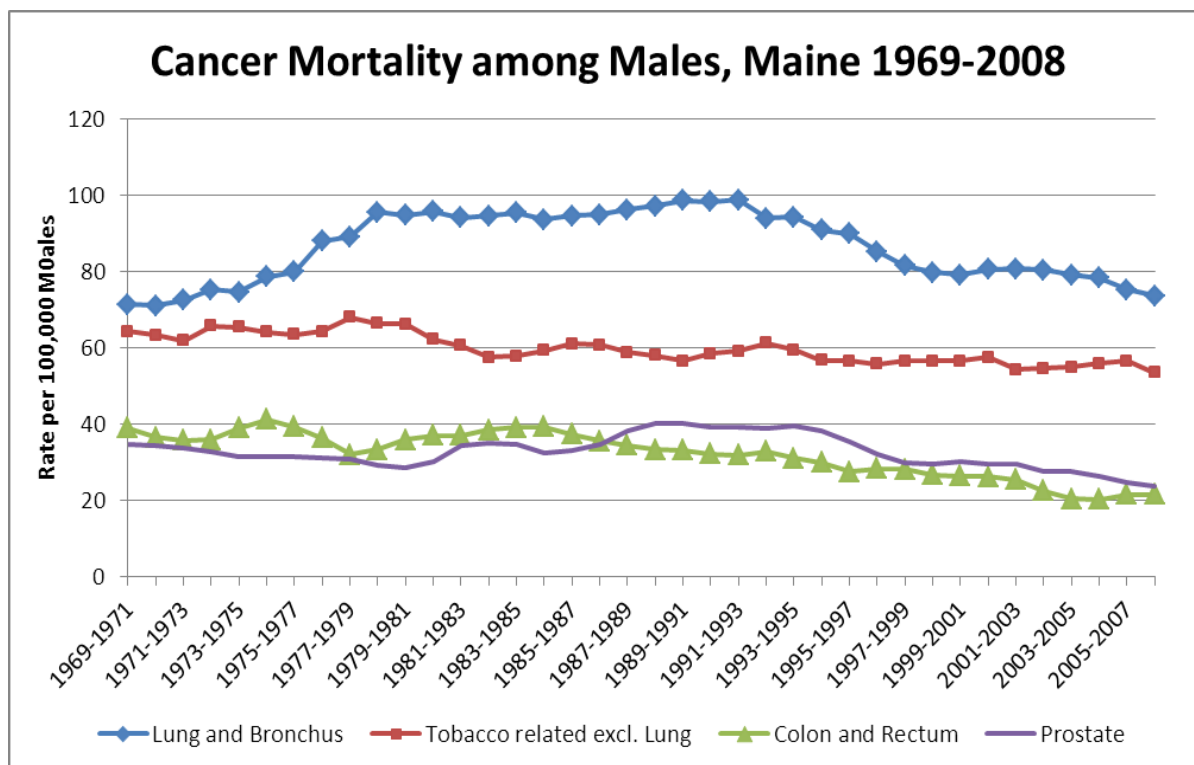
Age-adjusted Cancer Mortality Trend: All Malignant Cancers, U.S. and Maine 1969-2008



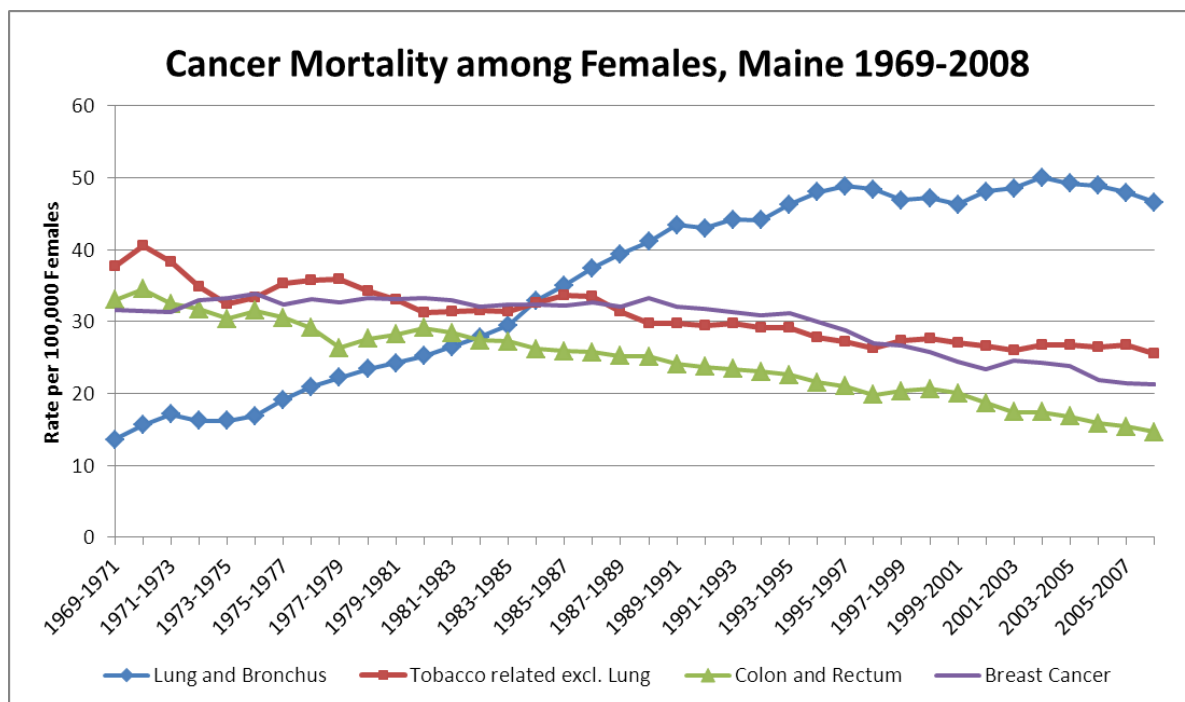
Data Source:

- National Center for Health Statistics, All Causes of Death, Public-Use with State, Total U.S. (1969-2008)

# Age-adjusted Cancer Mortality Trend: Top Causes of Cancer among Males, Maine 1969-2008



# Age-adjusted Cancer Mortality Trend: Top Causes of Cancer among Females, Maine 1969-2008

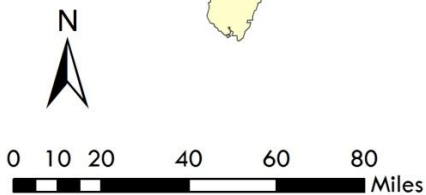
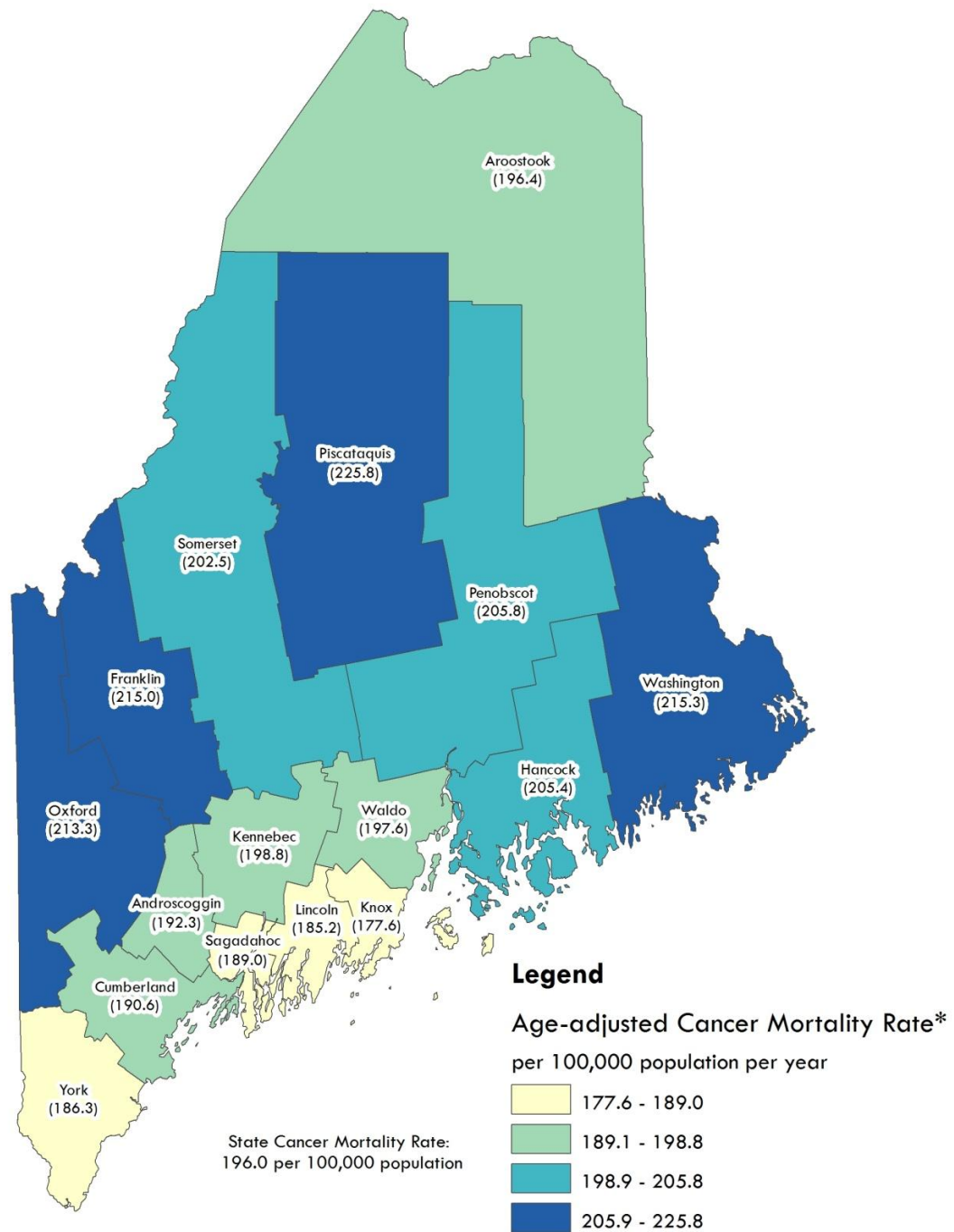


### Data Source:

- National Center for Health Statistics, All Causes of Death, Public-Use With State, total U.S. (1969-2008)

# CANCER MORTALITY MAPS

## All Malignant Cancers Mortality Rate by County, Maine 2004-2008



Data source:  
Maine Cancer Mortality Data: National Center for Health Statistics, 1969 - 2008

Note:  
\*Mortality rates are age-adjusted to 2000 U.S. Standard population

